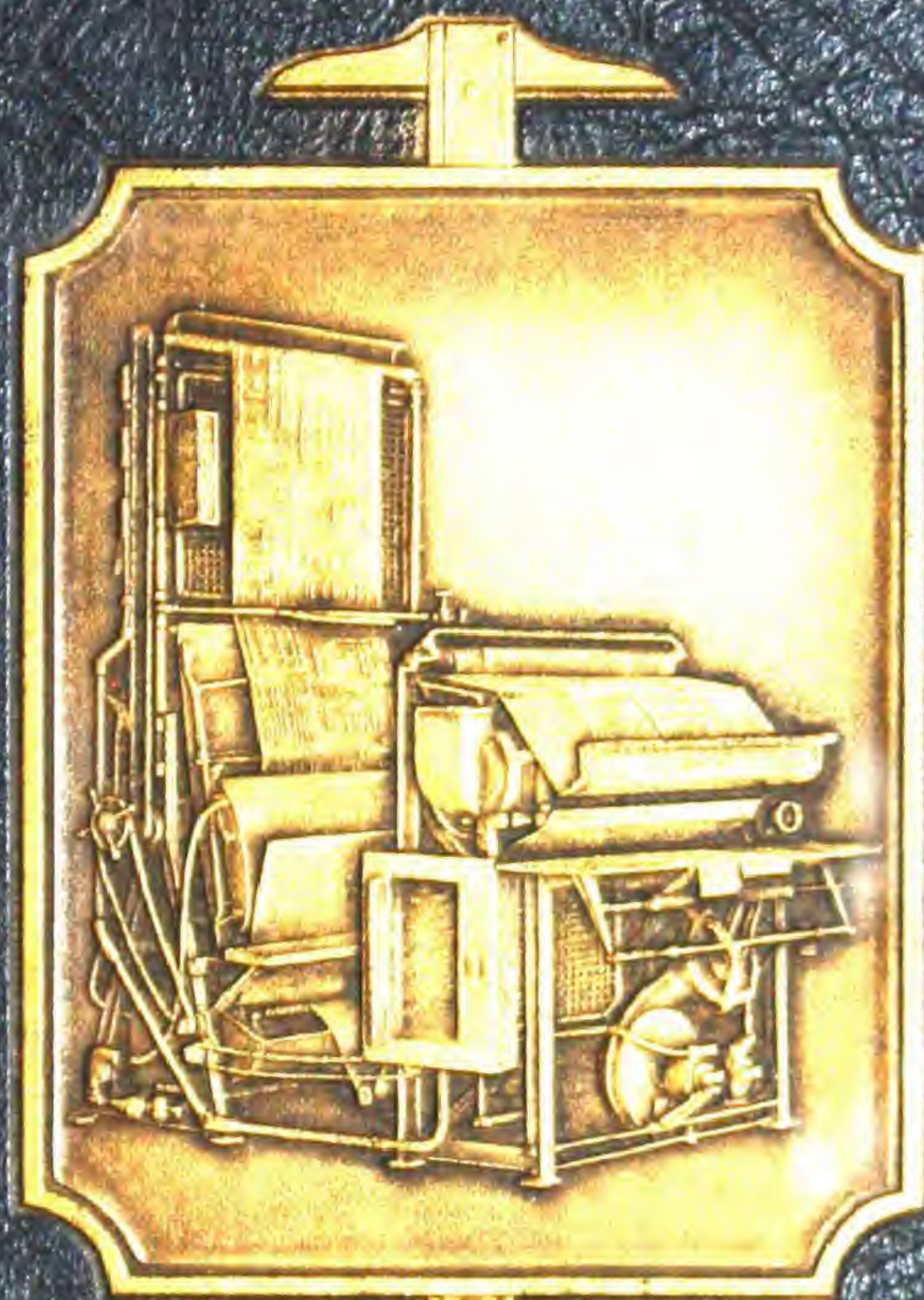


PEASE
CHICAGO



The
C. F. PEASE COMPANY
CATALOG-G



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Everything for Blue Printing
Everything for the Drafting Room

The C.F. PEASE COMPANY

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BLUE PRINT LAMPS
PHOTOGRAPHIC ARC LAMPS
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DRAWING INSTRUMENTS
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General Catalog G-2

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Everything for Blue Printing

HERE is the latest and best general catalog we have ever turned out. It was edited and is indexed in such a manner that it can be referred to very easily. Insofar as possible, the illustrations are in color so that you can see just how the items actually appear.

Our friends have been responsible for the success we have enjoyed and the policy of this company is "Satisfaction with every Transaction." Each order placed with us, whether large or small, will have the most careful attention. If at any time there should be any dissatisfaction, please allow us the privilege of making an adjustment which will be satisfactory to you.

For easy reference our present edition has been divided into the following classifications:

	Pages
Blue Printing Machinery and Accessories.....	3-68
Blue Print Sheet Washers and Dryers.....	32-40
Blue Print Papers and Cloths.....	58-63
Photographic Arc Lamps and Supplies.....	41-51
Drawing, Detail, Tracing Papers, Field Books, Etc.....	69-106
Drawing Instruments.....	107-138
Drafting Room Supplies.....	139-208
Drafting Room Furniture.....	209-258
Draftsmen's Miscellaneous Supplies.....	259-294
Engineers' and Surveyors' Field Supplies.....	295-354

If you require something that we have not listed, we shall take pleasure in making an effort to procure it for you if you will write us.

Cordially yours,

THE C. F. PEASE COMPANY

IMPORTANT INFORMATION

Orders—In ordering, please specify catalog numbers.

Shipments—To avoid delay, state if goods are to be sent by Freight, Express or Parcels Post and give routing. Packages sent by parcels post, if valued at \$1.00 or more, will be insured and charges added to invoice unless we are otherwise instructed.

Packing—All goods carefully packed, but shipments will be at purchaser's risk. Our responsibility ceases after clean receipt has been obtained from transportation company.

TERMS—Thirty days net on Blue-Printing Machinery, Washers, Dryers, Lamps, etc., etc. 2% ten days or thirty days net on Repair Parts, Globes, Carbons, Blue-Print Paper, and Drafting Room Furniture and Supplies.

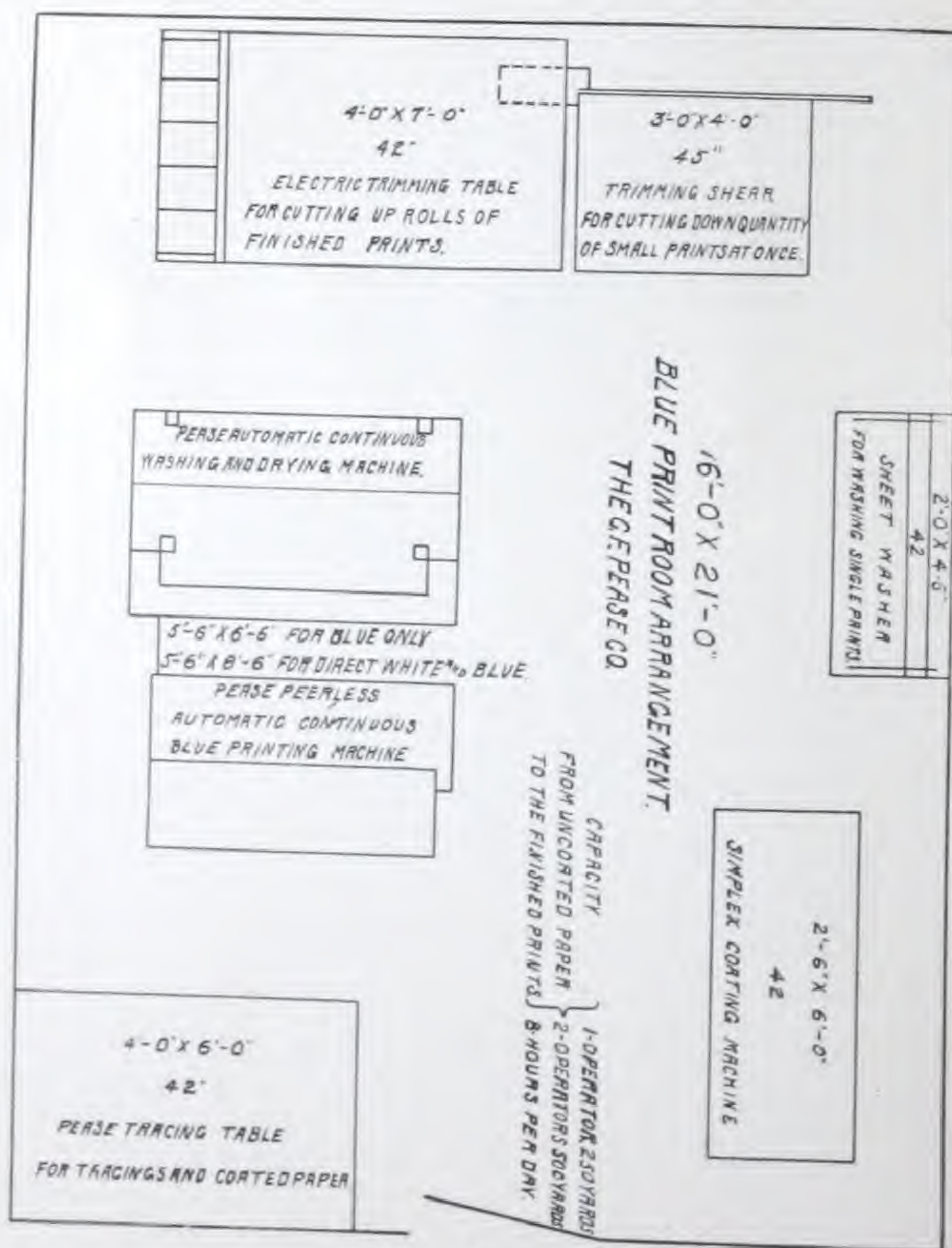
Guarantee—We guarantee our goods to be as represented. In case of any dissatisfaction, we shall take pleasure in adjusting the matter.

Lists—Lists have been eliminated from this catalog. Prices change so rapidly that we have found it impossible to keep the lists up-to-date. You will find in the pocket attached to back cover a combination price list and discount sheet applying and new price lists will be issued from time to time to always keep the catalog up-to-date.

ARRANGEMENT OF BLUE PRINT ROOM

The plan shown below is merely suggestive, and is intended to illustrate the great compactness of Pease Blue Printing Machinery. The various machines may be arranged in any way desired to suit local conditions. Measurements given below show floor space required by each machine.

As all of the Pease machines are noiseless and free from dirt or other objectionable features, they can readily be placed in one end of the drafting room if desired. The advantage of having the blue printing room in close proximity to the drafting department will be appreciated.



Blue Printing Machinery

IN the following pages we place before our readers a concise description of the Pease line of blue printing machines and accessories. During the years Pease machines have been on the market they have met with the unqualified approval of all commercial blue printers and leading manufacturers, railroads, architects, engineers, technical colleges and schools as well as many Government departments, both in the United States and foreign countries.

The Pease Peerless Process of automatically printing, washing and drying by one continuous operation is now accepted as the most efficient and economical method of making blue prints. By this process the prints are more thoroughly washed and more evenly dried than by any hand method. We will gladly supply names and addresses so that anyone contemplating purchase may obtain the opinion of the actual users of the machines.

The C.F. Pease Company

THE PEERLESS UNIVERSAL HIGH POWER ARC LAMP FOR USE ON PEASE "PEERLESS" AND PEASE "JUNIOR" BLUE PRINTING MACHINES



Type P
No. 57161
Use Pease No. 4027
Globe

The Peerless Universal Arc Lamps mark a great advance in arc lamp construction for blue printing purposes. They may be used on any circuit from 220 to 250 volts Direct Current or Alternating Current (any cycle from 60 to 25 inclusive) by making a few slight adjustments and using two solid carbons for direct current and one solid and one cored carbon for alternating current.

The Peerless Universal Arc Lamps are set in our factory at 7 amperes for direct current, or 8 amperes for alternating current, which produces a printing speed as fast as any operator can properly feed the average run of tracings. Resistance coils are used for both direct and alternating current making the lamps very easy to adjust.

When the finest possible quality of blue prints, blue line, negative or brown prints are desired or where high printing speed is a consideration, these lamps are especially valuable.

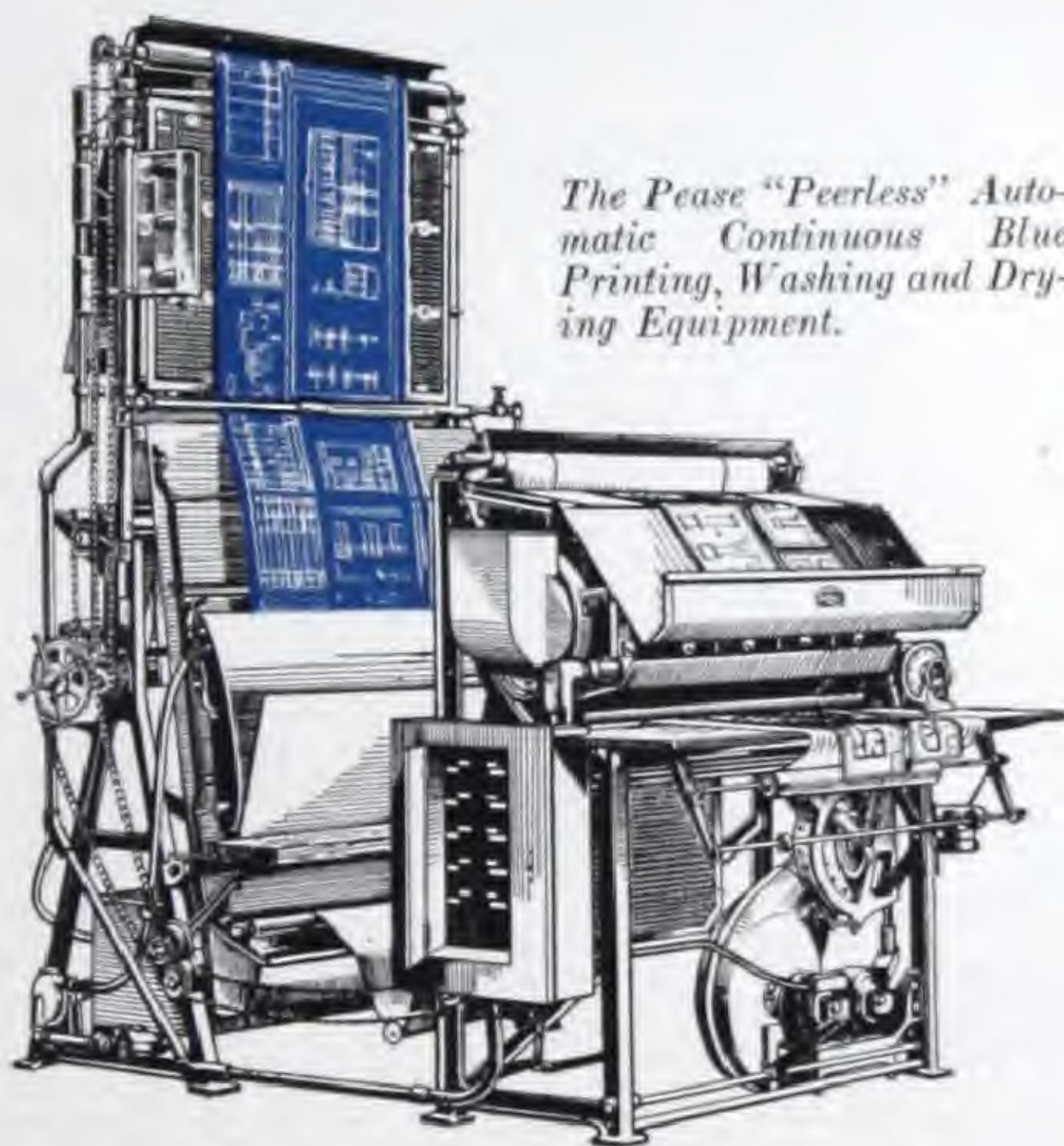
Peerless Universal Arc Lamps are made in a very substantial manner and will last longer and have lower maintenance expense than any other lamp and are easily adjusted. These lamps are regularly furnished on all Peerless Blue Printing Machines

The Peerless Universal Arc Lamps can readily be installed on any Peerless Blue Printing Machine now in use and will fully double the printing speed. Prices will be quoted on application.

Peerless Blue Printing, Washing and Drying Equipment

MODEL No. 20

Listed as Standard
Equipment
by the
Underwriters'
Laboratories



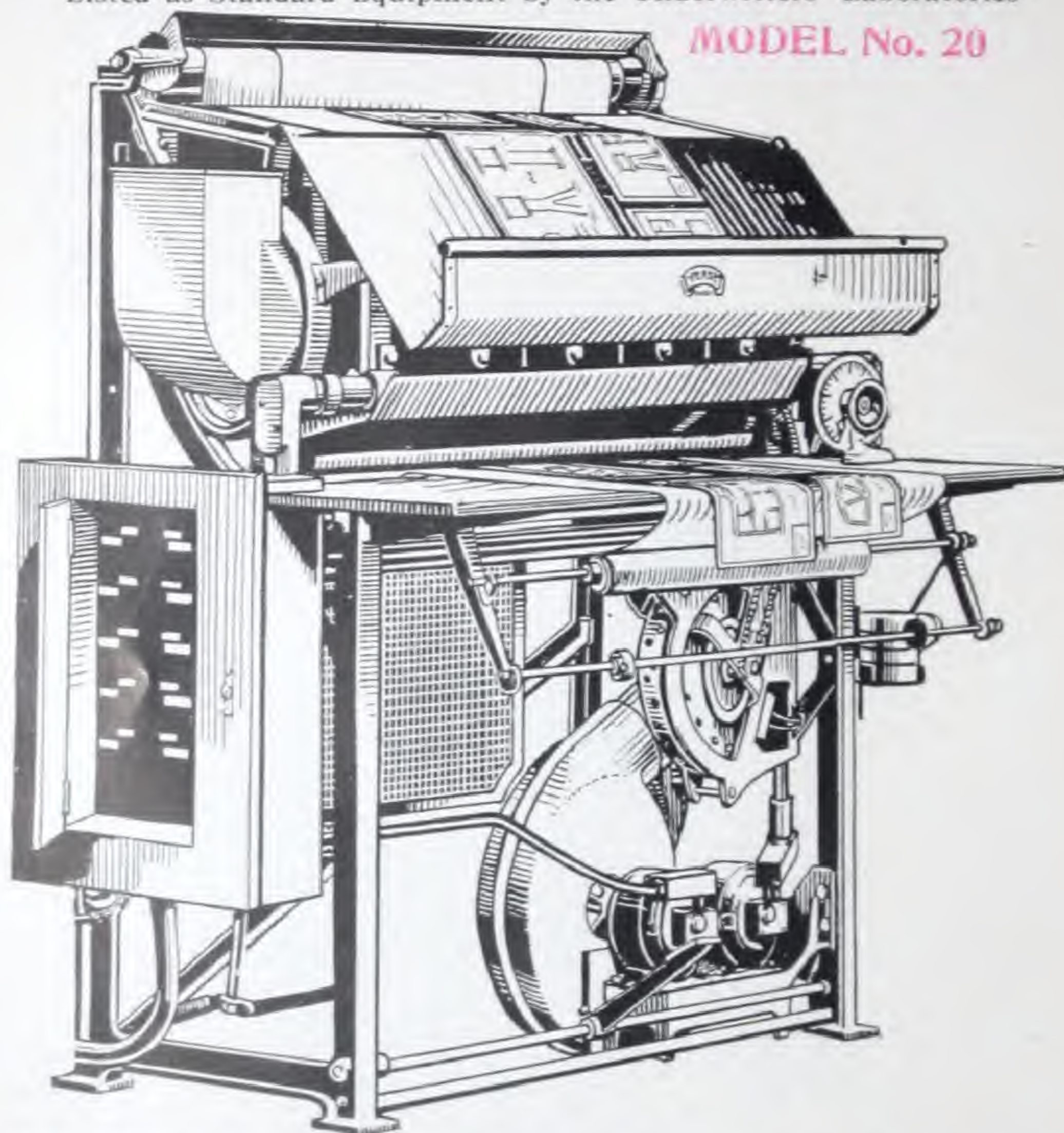
The Pease "Peerless" Automatic Continuous Blue Printing, Washing and Drying Equipment.

Over 2,200 complete "Peerless" equipments are in use
throughout the United States, Alaska, Hawaii,
Philippine Islands, Canal Zone and
25 other countries

The C.F. Pease Company

THE PEASE PEERLESS BLUE PRINTING MACHINE Listed as Standard Equipment by the Underwriters' Laboratories

MODEL No. 20



Above illustration shows latest model Peerless Printer. See page 14 for illustration of latest model Peerless complete equipment and description of blower attachment.

No. 6401—**THE PEASE PEERLESS PRINTER**, complete with blower, motor and electric speed changing device, wired for 110 volts, direct current. Size AA furnished with fan instead of blower.

No. 6402—**THE PEASE PEERLESS PRINTER**, complete as above, wired for 220 volts, direct current.

No. 6403—**THE PEASE PEERLESS PRINTER**, complete as above, wired for 220 volts, alternating current.

Size AA—For paper up to 30 in. wide, with 4 arc lamps. \$

Size A—For paper up to 42 in. wide, with 5 arc lamps. \$

Size B—For paper up to 54 in. wide, with 6 arc lamps. \$

Size C—For paper up to 66 in. wide, with 7 arc lamps. \$

Each size will pass tracings six inches wider than paper specified, but will give contact only two inches wider.

Better results will be obtained with 220 volts on either direct or alternating current than with 110 volts direct current. We do not furnish the Peerless Blue Printing Machines equipped for 110 volts alternating current.

See Price List Inside Back Cover

Everything for Blue Printing

THE PEASE PEERLESS BLUE PRINTING MACHINE

(Continuous Electric)

This Machine, as illustrated on opposite page, was designed for producing a large quantity of blue prints at the lowest possible cost for operation and maintenance. It is the result of years of experience and combines many new and valuable features. A large number of commercial blue printers and leading manufacturers, railroads, architects, engineers, technical colleges and schools as well as many Government Departments, both in the United States and foreign countries have these machines in daily operation and all of them are giving the best of satisfaction.

Construction—Special care has been taken in the construction of this machine. The framework is so rigid that the machine is with perfect safety shipped completely assembled, with the exception of the feeding table. Every machine is in perfect adjustment, having been accurately tested before leaving the factory; it is only necessary to knock off the crate, attach the feeding table with two bolts, and connect the wires. The machine without the table will pass through any ordinary door.

Tracings are fed upward past a bank of arc lamps and returned into the tracing tray at the operator's hand as he stands in front of the machine. With other printers it is necessary for the operator each time to stoop down below the machine or go behind it to pick up the tracings. By our method much greater care may be given the valuable tracings; long ones may be rolled up as they pass into the tracing tray.

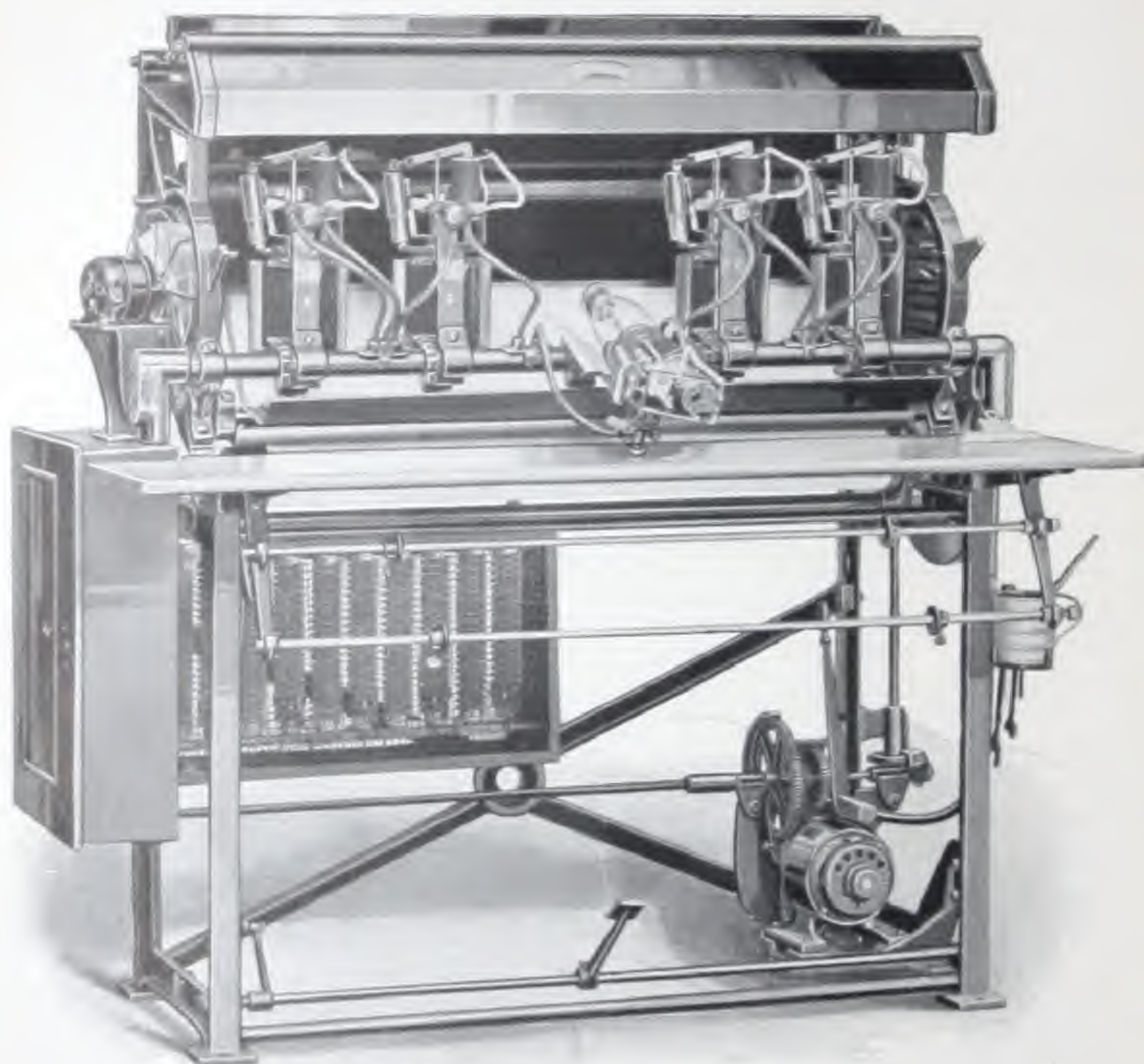
Printing Speed is from four inches to six feet per minute and is regulated by means of a rheostat placed beneath the feeding table at the right hand side of the machine connected by sprockets and chain to dial just above the feeding table.

Perfect Contact is obtained by means of a woven continuous belt, the stretch of which is automatically taken up by a tension spring. A special patented arrangement aids in controlling side travel of this belt.

Output is approximately 120 linear yards per hour when wired for 220 volts, which speed our long experience has demonstrated to be as fast as any operator can properly feed the tracings. Machine can be equipped with a double cut worm at additional cost, to print over 200 yards per hour, but we do not recommend this high speed.

The C.F. Pease Company

THE PEASE PEERLESS BLUE PRINTING MACHINE
Listed as Standard Equipment by the Underwriters' Laboratories
With Tracing Tray Pushed Back And One Lamp Turned Down.



See page 14 for view of latest model and description of blower attachment.

Space Occupied, Including Feeding Table

30-in. machine (4 lamps) . . .	4 $\frac{3}{4}$ ft. x 3 ft. 1 in. x 5 $\frac{1}{2}$ ft.
42-in. machine (5 lamps) . . .	5 $\frac{3}{4}$ ft. x 3 ft. 1 in. x 5 $\frac{1}{2}$ ft.
54-in. machine (6 lamps) . . .	6 $\frac{3}{4}$ ft. x 3 ft. 1 in. x 5 $\frac{1}{2}$ ft.
66-in. machine (7 lamps) . . .	7 $\frac{3}{4}$ ft. x 3 ft. 1 in. x 5 $\frac{1}{2}$ ft.

Exclusive of feeding table, will pass through a 26-inch doorway.
Shipped completely assembled, with exception of feeding table.

Everything for Blue Printing

THE PEASE PEERLESS BLUE PRINTING MACHINE

(Continuous Electric)

The illustration on the opposite page shows the machine with the tracing tray pushed back and one lamp turned down in position for cleaning the globe and trimming the carbons.

The Electrical Construction is of the very best. Special care has been exercised to provide an electrical construction which will be satisfactory to any board of fire underwriters or city electrical inspector.

The Lamps are of special design and construction, being connected in at the bottom, the wiring enclosed in steel conduits and each lamp provided with a separate toggle switch. All switches are enclosed in a dead front panel box attached to the left hand end of the machine. The resistance coils are separated from the lamps and placed in a perforated metal box underneath the framework.

A Variable Speed Motor is used, and all speeds are controlled electrically, thus doing away with noisy and unreliable friction discs and transmission belts. By means of the controller and one gear change any speed from four inches per minute up to six feet per minute may be instantly obtained with 220 volts D. C. or A. C. Double this speed can be provided for at additional cost. A rotary blower driven by an independent motor (see page 14) is employed for circulating the air and cooling the contact glass on all machines except 30" AA size which is furnished with a fan instead.

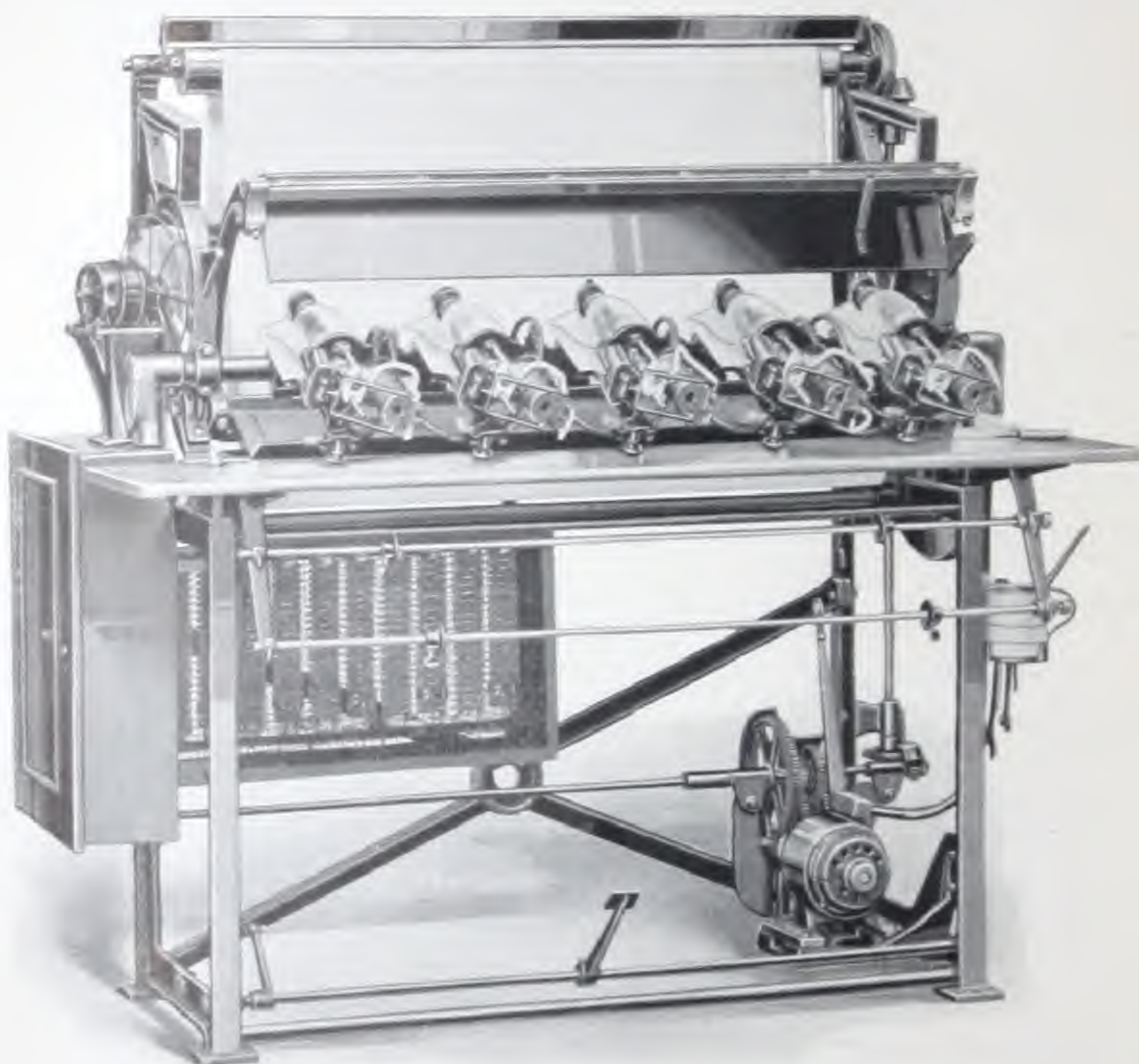
The Machine in Operation is so quiet, and so free from dirt and other objectionable features, that it may be conveniently placed in a corner of the drafting room. The operator is thus enabled to use his surplus time for other work. Many of these machines have been so installed with entire satisfaction.

They are Universal in that the same lamp may be used on either 220 volts direct or 220 volts alternating current, any cycle from 60 to 25 inclusive, by making some very slight adjustments and by using two solid carbons for direct current and one solid and one cored for alternating current.

The C.F. Pease Company

THE PEASE PEERLESS BLUE PRINTING MACHINE

Listed as Standard Equipment by the Underwriters' Laboratories
With All Lamps Turned Down And Contact
Glass In Position For Cleaning.



See page 14 for view of latest model and description of blower attachment.

We equip the Peerless Printer with lamps of 7 amperes each for 220 volts direct current, 8 amperes each for 220 volts alternating current, and 12 amperes each on 110 volts direct current. In ordering machine be particular to specify current and voltage, and if for A. C., also specify frequency of cycle.

We do not furnish the Peerless Blue Printing Machines equipped for 110 volts alternating current as the arc is necessarily short and printing consequently slow. Our clients will be much better served by installing a 220 volt line.

Everything for Blue Printing

THE PEASE PEERLESS BLUE PRINTING MACHINE

(Continuous Electric)

The illustration on the opposite page shows the machine with the enameled iron tracing tray removed, all lamps turned down on the table, and the contact glass tipped forward in position for cleaning.

No Expensive Glass Cylinders or transparent bands are used, but in place thereof a segment of the best quality polished French plate glass, designed for this particular machine. This glass is mounted in a felt lined iron frame, and so hung that breakage is practically impossible except through gross carelessness.

Much consideration has been given to the construction of this machine so as to provide perfect contact at all times. A woven continuous belt is used for conveying the paper and tracings, and by a special patented device side travel of this belt is controlled.

A Tension Spring is provided, which automatically takes up the stretch of the woven belt. Where this is not sufficient, an additional take-up is provided under the feeding table, so as to increase the adjustment of the spring.

A Foot Treadle is provided for releasing the contact, thus enabling the operator to withdraw a tracing at any time.

All Parts of the Machine are accessible for cleaning, without the use of wrench or screw-driver, and without changing adjustments.

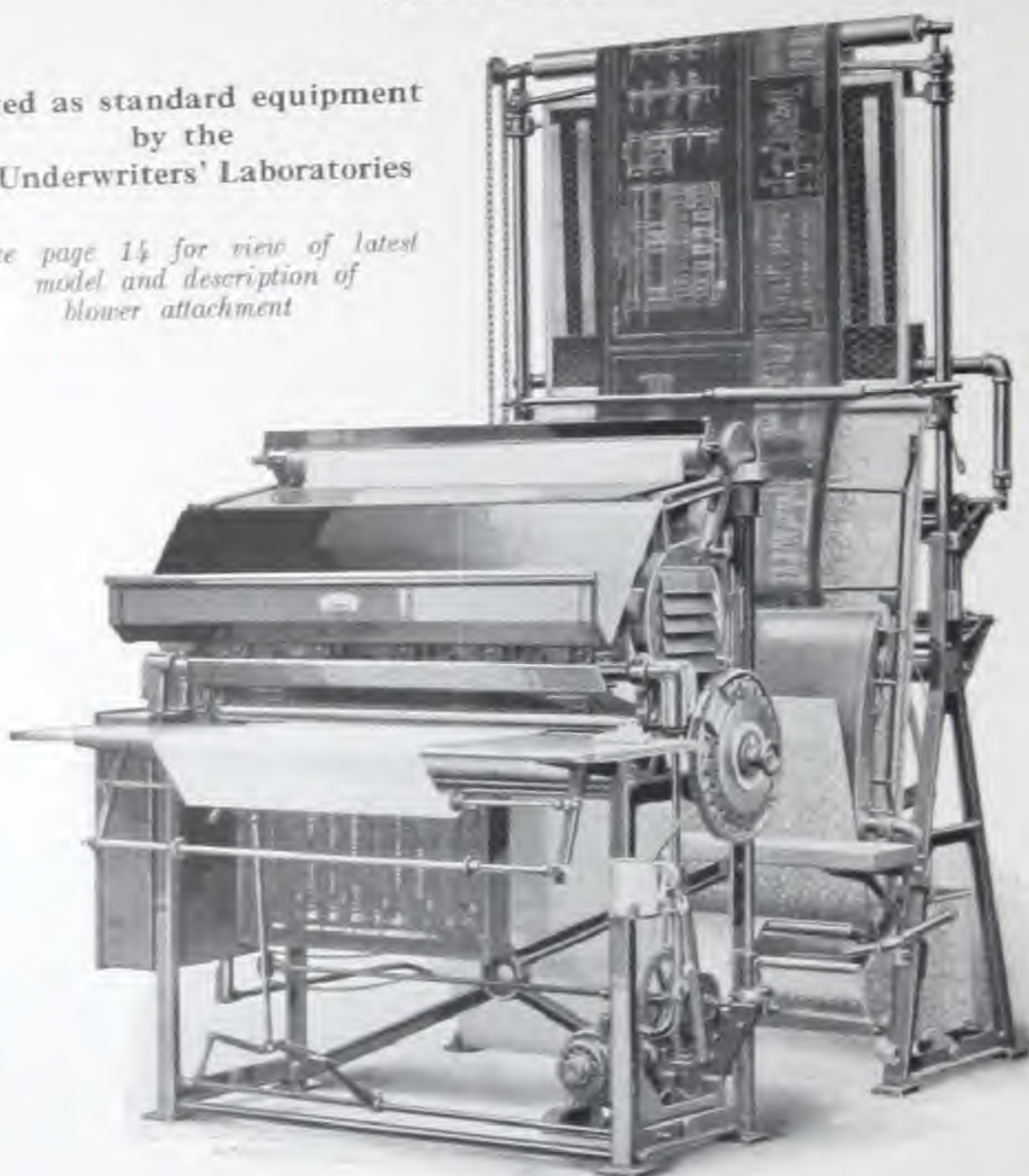
A Special Shutter is provided operated from the outside by the upper glass frame pin on right side of machine. This is for cutting off a portion of the contact glass when it is desired to reduce the printing speed.

The C.F. Pease Company

THE PEASE PEERLESS BLUE PRINTING EQUIPMENT With Gas Heater

Listed as standard equipment
by the
Underwriters' Laboratories

*See page 14 for view of latest
model and description of
blower attachment*



- No. 6405—THE PEASE PEERLESS PRINTER, connected with THE PEERLESS AUTOMATIC WASHING AND DRYING MACHINE, equipped with potashing attachment, gas heater and automatic rolling-up device, complete, wired for 110 volts direct current.
- No. 6406—THE PEASE PEERLESS PRINTER, connected with THE PEERLESS AUTOMATIC WASHING AND DRYING MACHINE, complete as above, wired for 220 volts direct current.
- No. 6407—THE PEASE PEERLESS PRINTER, connected with THE PEERLESS AUTOMATIC WASHING AND DRYING MACHINE, complete as above, wired for 220 volts alternating current.
- Size AA—For paper up to 30 in. wide, with 4 arc lamps
- Size A—For paper up to 42 in. wide, with 5 arc lamps
- Size B—For paper up to 54 in. wide, with 6 arc lamps
- Size C—For paper up to 66 in. wide, with 7 arc lamps

Better results will be obtained with 220 volts on either direct or alternating current than with 110 volts direct current. We urge the use of 220 volts and do not manufacture Peerless machines for use with 110 volts alternating current—see page 10.

See Price List Inside Back Cover

Everything for Blue Printing

THE PEASE PEERLESS BLUE PRINTING EQUIPMENT

(Continuous Electric)

The illustration on the opposite page shows the Pease Peerless Blue Printing Machine, as described in the foregoing pages, connected with the Peerless Automatic Washing and Drying Machine. With this equipment one operator can easily turn out 120 linear yards of finished blue prints per hour (printed, washed and dried), when equipped for 220 volts D. C. or A. C., delivering the prints at the end of the dryer automatically wound in a loose roll, ready for use, and perfectly free from wrinkles or distortions. Blue Print Cloth can be printed, washed and dried with equal facility, without the usual distortion, and with much less shrinkage than when washed in trays and dried in the air. The illustration shows the equipment as arranged with gas dryer, consuming about fifty cubic feet of gas per hour.

The Printing Machine may be used entirely independent of the Washer and Dryer when desired, merely by throwing out of engagement the clutch on the Washer, as shown on page 16, thus enabling the operator to run through a few emergency prints at a moment's notice. Many manufacturers and railroads are using this complete equipment who, under ordinary circumstances, do not operate it an hour a day, but who recognize the enormous saving in time and labor, not only in the blue print room, but throughout the entire system when occasional large quantities of prints are wanted.

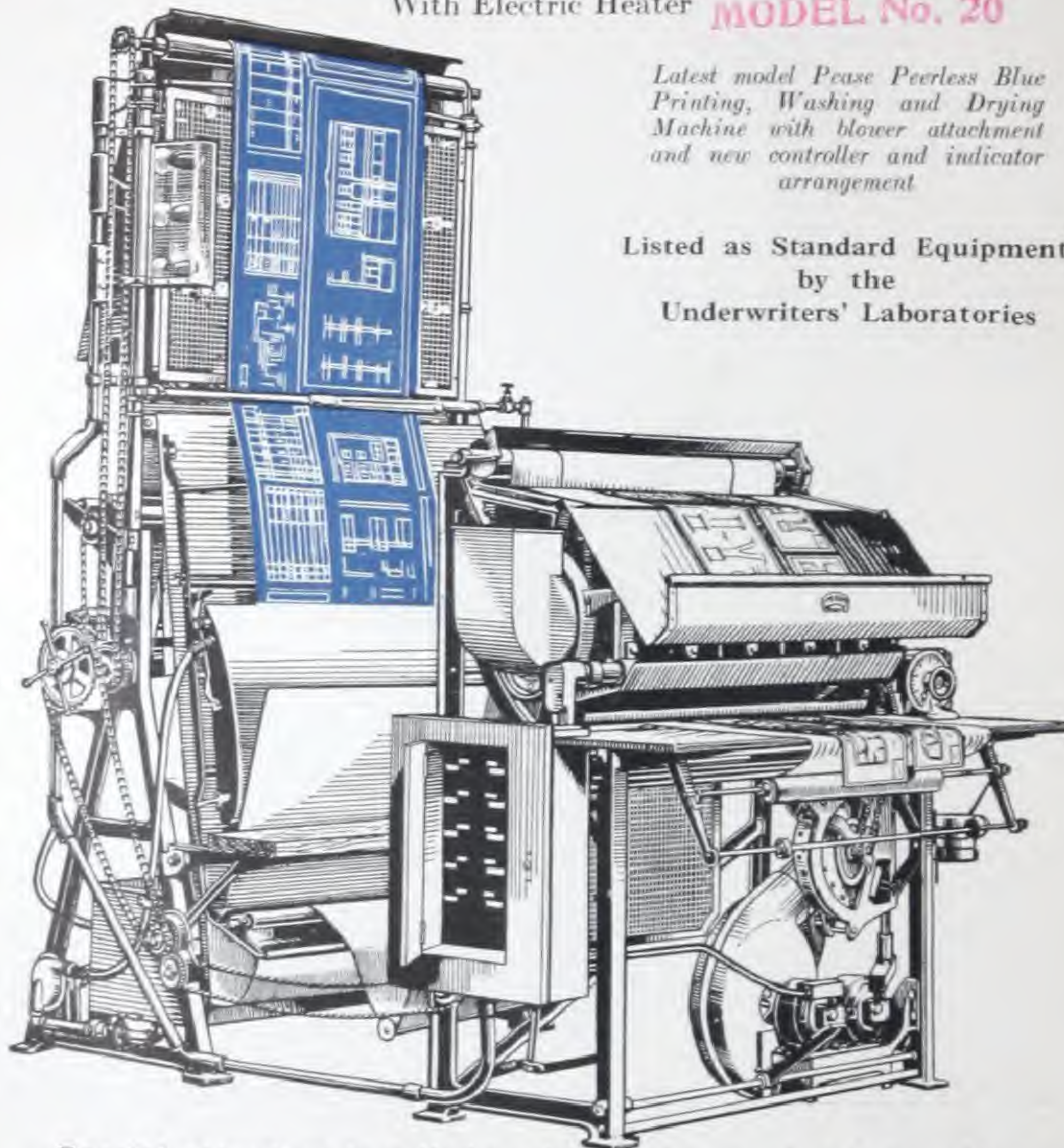
The Pease Peerless Blue Printing Washing and Drying Machine is regularly built for ceilings not less than nine and one half feet high, but can be constructed for any lower ceiling at a small additional cost. Overall dimensions of the complete equipment are as follows:

Space Occupied

30-in. machine.....	4 $\frac{3}{4}$ ft. x 7 $\frac{3}{4}$ ft. x 9 $\frac{1}{4}$ ft.
42-in. machine.....	5 $\frac{3}{4}$ ft. x 7 $\frac{3}{4}$ ft. x 9 $\frac{1}{4}$ ft.
54-in. machine.....	6 $\frac{3}{4}$ ft. x 7 $\frac{3}{4}$ ft. x 9 $\frac{1}{4}$ ft.
66-in. machine.....	7 $\frac{3}{4}$ ft. x 7 $\frac{3}{4}$ ft. x 9 $\frac{1}{4}$ ft.

The C.F. Pease Company

THE PEASE PEERLESS BLUE PRINTING EQUIPMENT With Electric Heater **MODEL No. 20**



Latest model Pease Peerless Blue Printing, Washing and Drying Machine with blower attachment and new controller and indicator arrangement

Listed as Standard Equipment
by the
Underwriters' Laboratories

Special attention is called to the direct connected Rotary Blower illustrated in this cut, located under the machine and used as standard equipment in place of the fan (except on 30-inch size) heretofore provided for circulating the air and cooling the contact glass.

This blower reduces the heat approximately 75° as compared with the fan and greatly increases the efficiency of the machine, especially in making negatives and blue line prints.

Also note especially, new speed regulating device, which is now standard equipment. This device is one complete assembly with rheostat below the feeding table and dial above connected by sprockets and chain.

Our Special Woven Seamless Contact Belt is also now a part of our regular equipment and greatly improves the efficiency of the machine.

Everything for Blue Printing

THE PEASE PEERLESS BLUE PRINTING EQUIPMENT

(Continuous Electric)

The illustration on the opposite page shows the Pease Peerless Blue Printing Machine, as described in the foregoing pages, connected with the Peerless Automatic Washing and Drying Machine equipped with Electric Heater.

This Electric Heater is furnished in three units of 15 amperes each on a 220 volt circuit. The terminal of each unit is carried through a metal conduit and connected to a toggle switch in the dead front panel box on the left-hand end of the blue printing machine. The operator can thus control the heat as he stands in front of the machine. Each unit is provided with a signal light so that the operator knows the current is on and will not leave the room at night without turning off the heat.

When Printer is running at a maximum speed of six feet per minute the dryer will require about forty-five amperes of current at 220 volts. The current consumption of the dryer is materially lessened when printer is running on the slower speeds.

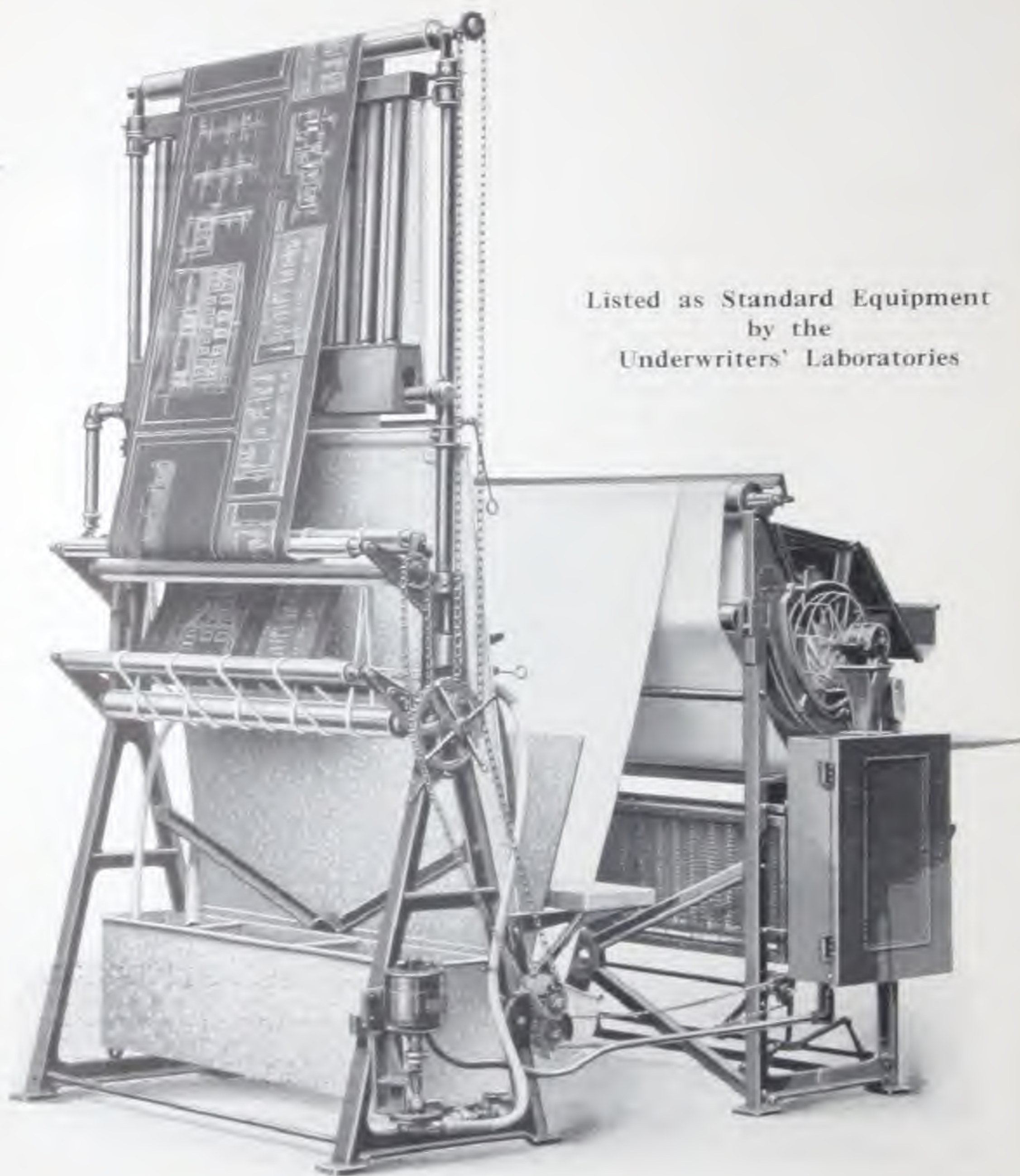
No. 6437—**ELECTRIC HEATER** for Peerless Automatic Washing and Drying Machine. Wired for 220 volts. Add to price of equipment with gas heater . . . \$100.00

It is possible to place the resistance coils of the lamps in the electric heater, thereby decreasing the amount of current consumed in drying about one-third. This construction will be provided when requested at a small additional charge, but is not recommended unless machine is to be used for blue print work only, as the coils produce too much heat for negative and black line printing.

See Price List Inside Back Cover

The C.F. Pease Company

THE PEASE PEERLESS BLUE PRINTING EQUIPMENT



Listed as Standard Equipment
by the
Underwriters' Laboratories

See page 14 for view of latest model and description of blower attachment

Rear view showing course of paper through the machine into the rolling-up device.

Everything for Blue Printing

THE PEASE PEERLESS BLUE PRINTING EQUIPMENT (Continuous Electric)

The illustration on the opposite page shows the rear view of the Pease Peerless Equipment, with the course of the paper around the machine from the printer into the rolling-up device. It also shows the pump with direct connected motor for pumping the potash water from the tank into the spray pipe of the potashing device. The surplus potash water is returned to the tank by gravity.

This illustration also shows the release clutch on the washer for disengaging the Washing and Drying Machine from the Printer so that the latter may be used independently when desired.

DIRECTIONS FOR OPERATING THE PEERLESS AUTOMATIC WASHING AND DRYING MACHINE

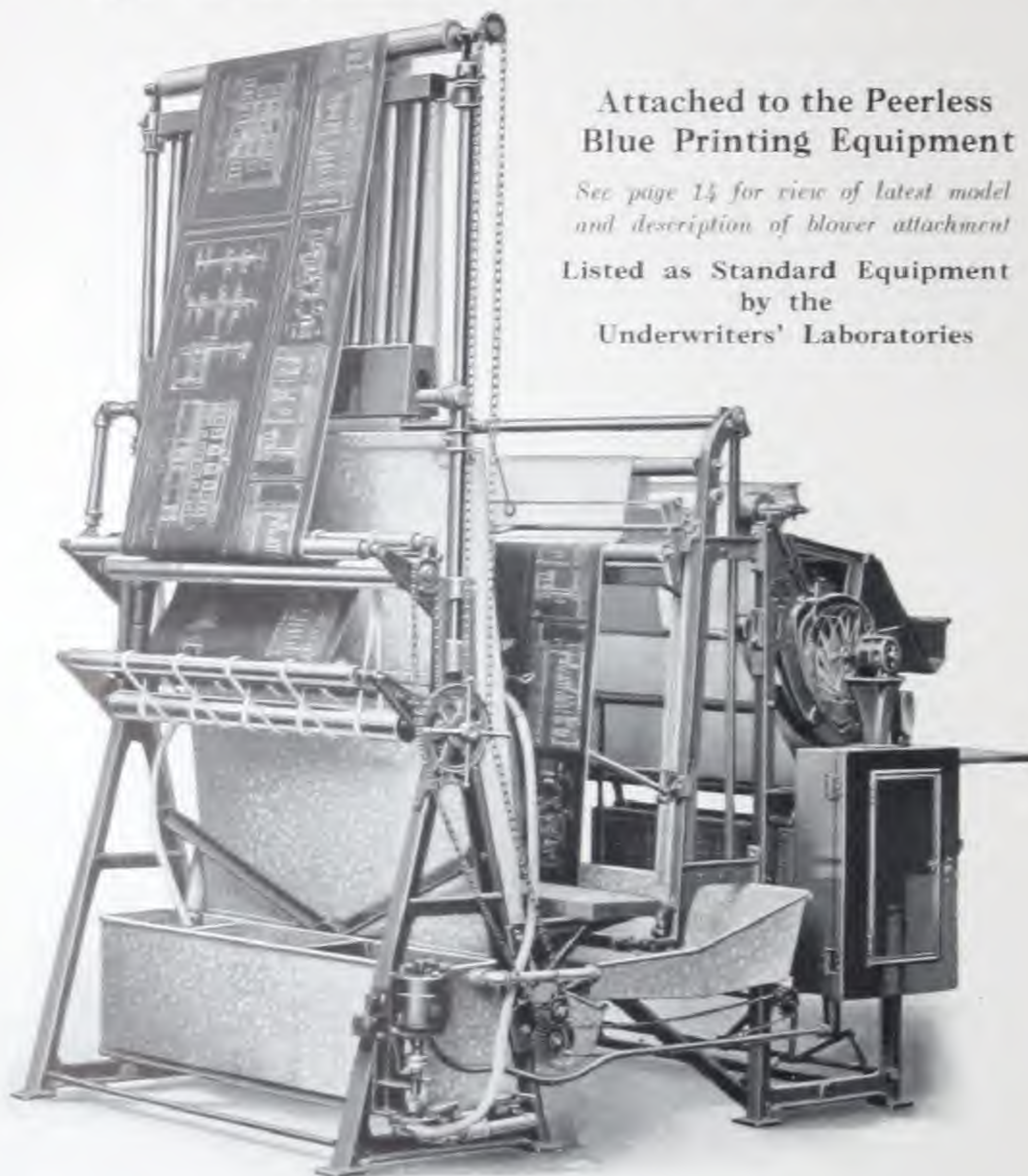
When not in use the machines will have a strip of blank paper throughout the course to be followed by the blue print paper, with one end projecting from the entrance of the printer and the forward end terminating in the rolling-up device of the dryer. To make prints, place the roll of sensitized paper in the brackets provided for it on the printing machine, and paste the end of the leader paper onto the end of the roll of paper. Immediately start the machine and begin feeding tracings until all the prints required have been exposed; then cut off the sensitized paper a few inches back of the last tracing and paste the end onto another strip of blank leader paper. These two strips of blank paper are used over and over, and serve to carry the printed paper through to the end of the dryer.

The only attention required of the operator will be to turn on the water as the print starts into the washer, turn on the potash pump and light the heater which is now provided with an automatic lighter where gas is used. The electric heating element is controlled by switches in the dead front panel box as explained on page 15. The heater should be turned off again as soon as the last print passes the water spray and heater. By this method one or a thousand prints can be made with no more waste of paper than is necessary to make the narrow joint at the start and finish.

When it is desired to use the Printing Machine only, the clutch in the washer is thrown out and the strip of blank paper or leader is run out of the Printer and allowed to drop down between the printer and the washing and drying machine. When the apparatus is again to be run continuously the operator places his foot on the treadle which releases the contact belt, and slips the leader or blank strip back into the printer.

The C.F. Pease Company

THE PEASE PEERLESS NEGATIVE APPARATUS



Attached to the Peerless Blue Printing Equipment

*See page 14 for view of latest model
and description of blower attachment*

Listed as Standard Equipment
by the
Underwriters' Laboratories

Does not increase amount of floor space occupied by the blue printing equipment (see page 13).

No. 6409—PEASE PEERLESS NEGATIVE APPARATUS, complete,
ready to attach to the Peerless Blue Printing equipment:

- Size AA—For 30-in., add to price of blue print equipment . . \$
- Size A—For 42-in., add to price of blue print equipment
- Size B—For 54-in., add to price of blue print equipment
- Size C—For 66-in., add to price of blue print equipment

See Price List Inside Back Cover

Everything for Blue Printing

THE PEASE PEERLESS NEGATIVE APPARATUS

On the opposite page is illustrated the Pease Peerless Automatic Blue Printing, Washing and Drying Machine with the Peerless Negative Apparatus. With this combination machine, negative and brown line prints of highest quality as well as blue prints may be produced on either paper or cloth.

There is no method of making negative and brown line prints that can compare with the Peerless. All paper swells when it becomes wet, and cannot be returned to its original formation unless it be dried evenly and uniformly, and at the same time under tension. The Peerless is the only process which delivers negative and brown line prints, either paper or cloth, free from distortions and practically without shrinkage.

The illustration shows that the Negative Apparatus is bolted to the frame of the blue printing machine near the upper roll. By means of a perforated pipe, the exposed paper as it passes into the negative apparatus is subjected to a clear water wash of six feet, which thoroughly removes the nitrate of silver. It is then treated with the fixing solution, which is pumped into another spray pipe enclosed in a metal case, after which it receives a second clear water wash, thence passing over the dryer into the automatic rolling-up device. The same pump and spray pipe are used for the fixing solution for negatives and the bichromate of potash for blue prints, the arrangement being such that the pump and spray pipe may be readily flushed out to allow for change of solution. Changes from negatives to blue prints and *vice versa* may be made without stopping the machine. All solutions are returned by gravity to their proper tank underneath the machine. The clear water wash of the negative apparatus may be used for washing blue prints and blue line prints, and on account of the long wash the bichromate bath may sometimes be dispensed with if so desired. However, we strongly advise that a 5% solution be used for intensifying the color and giving permanency to the blue print.

In drying negative and brown line prints, care should be used to keep the heat in the dryer down to the lowest possible point. This is true of all slow-printing papers, as excess heat may affect the fibre of the paper and make it brittle.

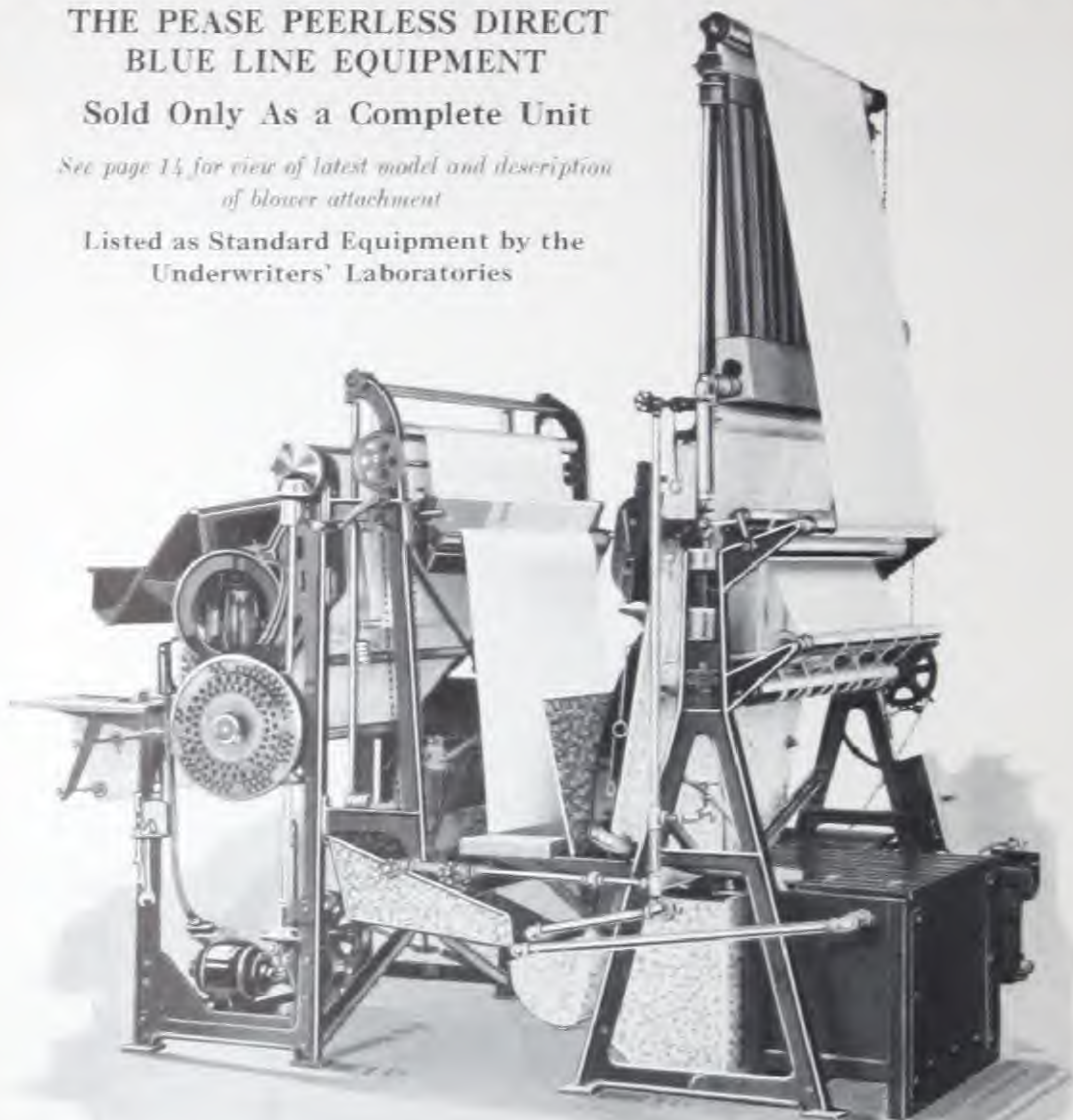
The C.F. Pease Company

THE PEASE PEERLESS DIRECT BLUE LINE EQUIPMENT

Sold Only As a Complete Unit

*See page 14 for view of latest model and description
of blower attachment*

Listed as Standard Equipment by the
Underwriters' Laboratories



Occupies the same floor space as shown on page 13

No. 6411—**THE PEASE PEERLESS DIRECT BLUE LINE EQUIPMENT**, consisting of printing, washing and drying machine, together with automatic adjustable developing machine, motors, pumps and tanks for solutions, and all necessary accessories, complete, wired for either 220 volts A. C. or D. C. or 110 volts D. C.

Size AA—For paper up to 30 in. wide, with 4 arc lamps
Size A—For paper up to 42 in. wide, with 5 arc lamps
Size B—For paper up to 54 in. wide, with 6 arc lamps
Size C—For paper up to 66 in. wide, with 7 arc lamps

NOTE: Specify current and voltage desired—cannot be furnished for 110 A. C.
—220 volts direct or alternating current strongly recommended.

See Price List Inside Back Cover

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Everything for Blue Printing

THE PEASE PEERLESS DIRECT BLUE LINE APPARATUS

(Continuous Electric)

On the opposite page is illustrated the Pease Peerless Direct Blue Line Apparatus for printing, washing and drying blue line prints automatically, direct from the tracing.

The usual process of making blue line prints (white background with blue lines) with an ordinary blue printing equipment is first to make a negative print from the tracing. After the negative has been washed and dried the blue line print is made from the negative print. Obviously this is a very slow process.

With the Peerless Direct Blue Line Equipment the negative print is eliminated, the blue line prints being made direct from the tracing. They are printed, developed, fixed, washed and dried by one continuous operation, at the rate of 75 to 100 linear yards per hour, operating on 220 volts direct or alternating current. Made on a high grade parchment paper they are used to great advantage for maps, plats, profiles, parts lists and all reference prints, thereby saving wear and tear on the original tracings. The lines, which are a sharp, clear blue on a pure white background, will not fade in the strongest sunlight. Alterations and additions may be made by means of the Pease Eradicating Solution and Special Blue Ink.

The apparatus is very compact and occupies no more floor space than the regular Peerless Blue Printing Equipment. The developing apparatus is bolted to the printing machine near the top roll, and is used only for Peerless Direct Blue Line Prints. The Direct Blue Line Paper, after exposure, passes through the developing machine, where a chemical bath is applied, after which it is washed by a spray of clear water; thence passes automatically under another spray pipe which applies a fixing or clearing chemical, and lastly it is given a second clear-water bath, after which it passes over the drying machine into the rolling-up device.

Direct Blue Line Prints can be made by the Peerless method as quickly as blue prints, and the only additional cost is the high grade paper which it is necessary to use, and the chemicals.

The C.F. Pease Company

THE PEASE UNIVERSAL HIGH POWER ARC LAMPS For Pease Vertical Blue Printing Machines, Vacuum Frames, Photo Engraving—Photo Enlarging

(See pages 23, 24, 25, 26, 27, also 43, 44, 45, 46, 47)



Type U
No. 57184
Uses Pease No. 4026
Globe

They emit no odor and are much easier on the eyes. The carbons used are much less expensive and only require trimming once in 16 to 18 hours. Carbons can be changed without removing the globe.

Pease Vertical Universal Arc Lamps are universal in that they may be used on 220 volts direct or alternating current, any cycle, or 110 volts direct or alternating current, any cycle, with slight adjustments which can be easily made and substituting one solid and one cored carbon for alternating current instead of two solid carbons for direct current. We urge the use of 220 volts wherever possible as giving the best printing speed. A feed wire of sufficient size (preferably No. 12) should be provided so as to give full 160 volts between carbon points on 220 line voltage.

Price

\$

See Price List Inside Back Cover

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"SENIOR" **VERTICAL** **BLUE-PRINTING** **MACHINE AND** **SHEET WASHER** **IN COMBINATION**

*Eliminates Open Trays of Water,
Dripping Prints, and Wet Floors*

THE Pease "Senior" Sheet Washer provides a most efficient means of thoroughly washing and drying Blue-Prints, Negatives, Blue-Line and Brown-Line Prints in conjunction with the Pease "Senior" Vertical Blue-Printing Machine. It is made in two sizes to accommodate prints of various dimensions. It dispenses with dripping prints, open trays of water, foul odors, and wet floors. Installation and operation are extremely simple. Prints are clamped securely underneath spray pipe at top of Washer and are thoroughly washed as they lie flat against smooth, inclined back of the tray. They can then be hung above on rack to dry, or where speed is essential, can be run through the Pease Sheet Dryer.

*Ask For Descriptive Pamphlet
On Pease Sheet Dryers*

PRINTED IN U. S. A.
FORM 3322-20M-4-1-30



The Pease "Senior" Vertical Blue-Printing Machine is made in six printing sizes — 32x42", 42x44", and 42x60", both half and full cylinder types, providing one or two printing surfaces of sizes specified.

Every Pease "Senior" Sheet Washer has both spray pipe and drain pipe so that prints are washed with a continuous flow of clear, running water. Drain pipe is equipped with reversible strainer plug so that trough may be used as a bath tray when desired.



**"SENIOR" VERTICAL
MACHINE AND SHEET WASHER
IN COMBINATION**



**MADE IN SIX SIZES
FULL CYLINDER—HALF CYLINDER**



"SENIOR" VERTICAL BLUE-PRINTING MACHINE

*For Making
Blue-Prints,
Negatives,
Blue-Line and
Brown-Line
Prints in Cut
Sheet Sizes*

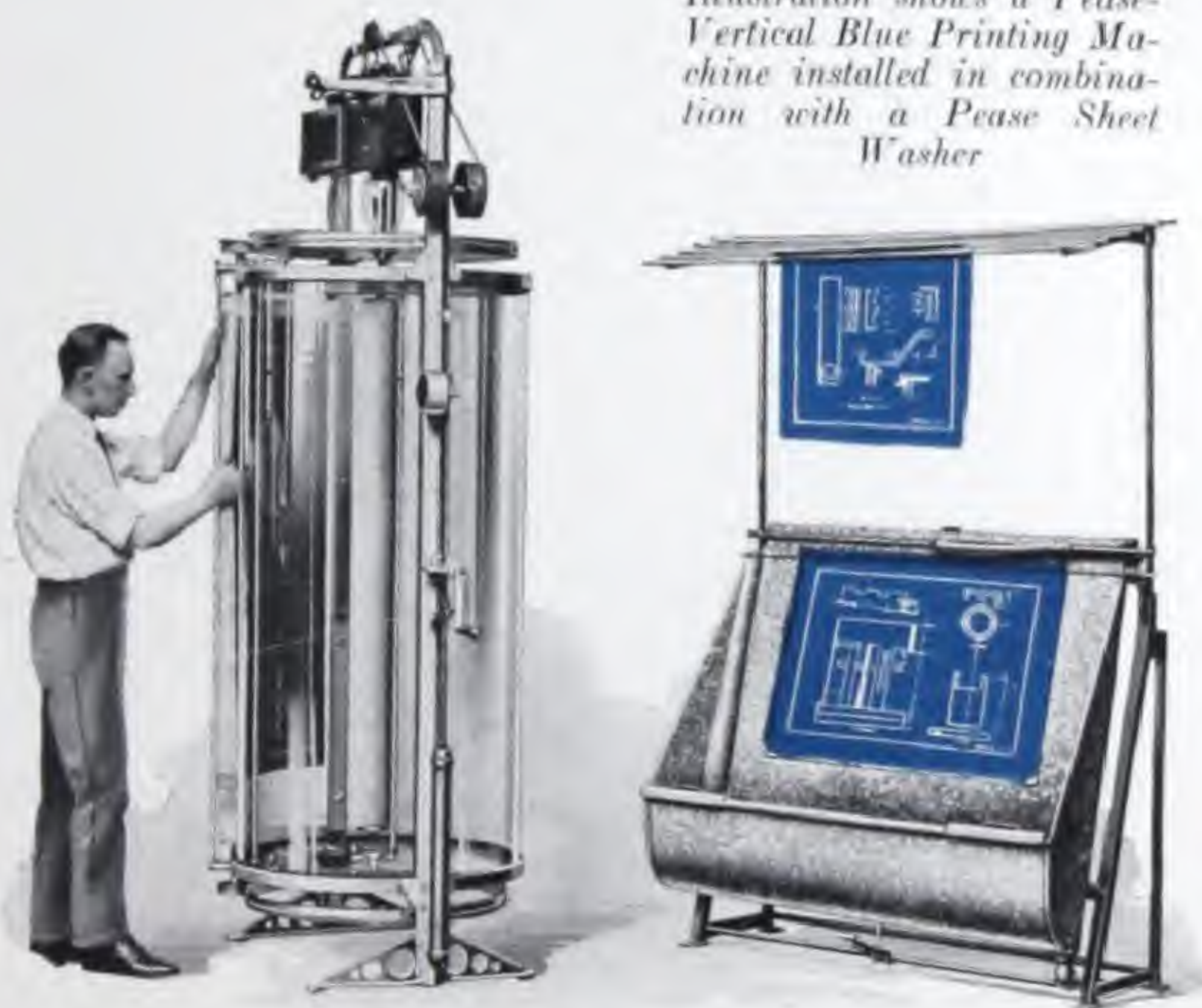
**THE
C. F. PEASE
COMPANY**

**813 N. FRANKLIN ST.
CHICAGO, ILL.**

The Pease-Vertical Electric Blue Printing Machine and Pease Sheet Washer

Listed as Standard
Equipment
by the
Underwriters'
Laboratories

*Illustration shows a Pease-
Vertical Blue Printing Ma-
chine installed in combina-
tion with a Pease Sheet
Washer*



The Pease-Vertical Blue Printing Machine and Pease
Sheet Washer form a very efficient combination for
turning out a steady flow of blue prints on a
moment's notice

The C.F. Pease Company

THE PEASE-VERTICAL ELECTRIC BLUE PRINTING MACHINE

(All-Steel Frame)



Listed as Standard
Equipment
by the
Underwriters'
Laboratories

For shipment this machine is packed completely assembled. It is necessary only to remove it from the case, hang the lamp in place and connect the feed wires; after which it is ready to operate.



FRAME:

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Everything for Blue Printing

THE PEASE-VERTICAL ELECTRIC BLUE PRINTING MACHINE

(All-Steel Frame)

Listed as Standard Equipment
by the
Underwriters' Laboratories

GENERAL DESCRIPTION:

The Pease-Vertical Blue Printing Machine consists of two half-cylinders of glass held in place by a felt-lined frame entirely of metal. It is self-contained, no part being attached to wall or ceiling; it can therefore be placed at any convenient point, and can be moved from one part of the room to another at will. The floor space required is very small and is shown on page 28. Every machine carries the Pease guarantee of satisfaction and service.



FRAME:

The frame being entirely of wrought steel, coated with olive-green enamel, is not affected by dampness; neither is it possible for the curtain rollers to wear a groove in the frame, thus letting the curtain sag and thereby causing poor contact, as is the case with machines with wooden frames. The frame of the Pease-Vertical is so rigid in construction and the felt lining supports the glass cylinder in such a manner that the machine may be shipped to any part of the world completely assembled without danger of breakage. The frame in no way depends upon the glass for support.

The C.F. Pease Company

THE PEASE-VERTICAL ELECTRIC BLUE PRINTING MACHINE

(All-Steel Frame)

Listed as
Standard
Equipment
by the
Underwriters'
Laboratories



TO LOAD MACHINE:

With the Pease-Vertical there is an operating bar provided. When the curtain is rolled back in position to load the machine the roll is automatically lifted away from the glass to facilitate the placing of tracings on paper. Instead of the curtain being revolved against the glass cylinder it revolves in metal journals. The construction obviates the necessity of taking hold of the curtain in operating as the roller revolves independently of the operating bar. This makes it possible to load and unload the cylinder with the utmost speed.



Everything for Blue Printing

THE PEASE-VERTICAL ELECTRIC BLUE PRINTING MACHINE

(All-Steel Frame)

Listed as Standard Equipment by the Underwriters' Laboratories

SPEED REGULATION:

By means of a patented liquid cylindrical control, which is noiseless, and gives absolutely uniform results, a wide range of speeds can be secured, from one foot in three seconds to one foot in forty-five seconds, thus meeting every possible requirement.

LAMP:

Every machine is equipped with our high-power arc lamp, especially constructed for blue printing purposes. Wired for either direct or alternating current as desired.

See page 22 for complete description of Pease Universal Vertical Arc Lamps which operate on either direct or alternating current.

LAMP CUT-OUT:

This is accomplished by means of an automatic quick-break switch, which can be set to trip at any point desired. When the lamp in its descent reaches this predetermined point the switch is automatically tripped and the current cut off.

SIMPLICITY OF CONSTRUCTION:

This machine is so simple in construction that an intelligent boy can operate it in connection with his other duties with excellent results. The maintenance expense is also reduced to a minimum. The lamp is hung on steel cored, flexible copper wires, properly insulated, which are also the feed wires. No counterweights; no extra cables.

CONVERTING HALF-CYLINDER TO FULL-CYLINDER MACHINES:

Unlike other vertical blue printing machines the frame of the full-cylinder and the half-cylinder Pease-Vertical is the same. The cost of converting a half-cylinder machine into a full-cylinder machine is only the price of the extra half-cylinder of glass and the canvas curtain with its operating mechanism. The purchaser can thus, at very small expense, double the output of his machine.



Pease-Vertical
Speed Control

The C.F. Pease Company

THE PEASE-VERTICAL ELECTRIC BLUE PRINTING MACHINE

(All Steel Frame)

Listed as Standard Equipment by the Underwriters' Laboratories

No. 6416—FULL-CYLINDER PEASE-VERTICAL PRINTER.

	Size	Floor Space	Ship. Wt.	Height	Price
Style GJ	32x42	26x42	650 lbs.	7 ft.	\$
Style JJ	42x44	32x49	750 lbs.	7 ft.	
Style HM	36x60	28x45	800 lbs.	8 ft. 6 in.	
Style JM	42x60	32x49	850 lbs.	8 ft. 6 in.	
Style JP	42x72	32x49	970 lbs.	9 ft. 6 in.	

No. 6417—HALF-CYLINDER PEASE-VERTICAL PRINTER.

	Size	Floor Space	Ship. Wt.	Height	Price
Style 1/2-GJ	32x42	26x42	600 lbs.	7 ft.	\$
Style 1/2-JJ	42x44	32x49	650 lbs.	7 ft.	
Style 1/2-HM	36x60	28x45	700 lbs.	8 ft. 6 in.	
Style 1/2-JM	42x60	32x49	775 lbs.	8 ft. 6 in.	
Style 1/2-JP	42x72	32x49	875 lbs.	9 ft. 6 in.	

In Ordering, State Kind of Current and Voltage.

If for A. C., Also Give Frequency of Cycle.

RE-CONDITIONED BLUE PRINTING MACHINES

We usually have in stock some very good bargains in used machines of various types. These machines are taken by us out of active service in part payment for our automatic equipments. They are overhauled in our own plant and put in good working order, and are very different from what are ordinarily known as "second-hand" machines. Stock list sent on application.

See Price List Inside Back Cover

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Everything for Blue Printing

THE PEASE JUNIOR VERTICAL BLUE PRINTING MACHINE AND PEASE JUNIOR SHEET WASHER

24" x 36"



The Pease Junior Blue Printing Machine requires a floor space of only 25x26"—the machine measures 77½x25x26" over all and the shipping weight is 265 pounds.

The Pease Junior Sheet Washer has a tray 28 inches wide and will accommodate a blue print 24x36 in. Requires a floor space of only 24x24 in. Shipping weight—145 pounds.

The Pease Junior Blue Printing Machine was designed particularly for use where only a small quantity of blue printing is required or where emergency prints are wanted in a hurry. Also, for use in vocational schools, high schools and junior high schools.

The Pease Junior blue printing machine is constructed in a thoroughly mechanical manner and takes up but very small floor space. The framework is so rigid that it is shipped set up.

The machine consists of a half cylinder of glass supported in a felt-lined metal frame which is coated with olive-green enamel. The tracing and blue print paper are held in contact with the glass by a curtain mounted on a spring roller.

The Pease Junior is equipped with our Pease Type P arc lamp (as illustrated on page 4), and is furnished with a reflector specially designed for the Pease Junior. This lamp consumes 7½ amperes on 220 volts direct or alternating current and 10 amperes on 110 volts direct or alternating current. The lamp is provided with a satin finished aluminum reflector which gives the best possible distribution of light. The drop of the lamp is controlled by our patented cylindrical oil control which provides a regulation for any required printing speed.

A small globe, our No. 4027 Peerless (heat resisting) is used together with Peerless carbons (½x9")—two solid carbons are used on direct current and one solid and one cored carbon on alternating current.

(Continued on next page.)

60% Kerosene
40% No. 4 (or 3) Machine oil (car) } Printer
cylinder

The C.F. Pease Company

THE PEASE JUNIOR VERTICAL BLUE PRINTING MACHINE

(Continued)

Perfect prints in one minute . . . with a clear tracing and our X-Electric blue print paper, using a **220 volt** direct or alternating current lamp, an excellent 24x36" blue print can be made in one minute, with one drop of the lamp. With a clear tracing and our X-Electric blue print paper, using a **110 volt** direct or alternating current lamp, a 24x36" blue print can be made in 1½ minutes with one drop of the lamp.

THE PEASE JUNIOR SHEET WASHER

This sheet washer (as illustrated) was especially designed for use with the Pease Junior blue printing machine. It is of the same general construction as the Pease Sheet Washer, made to accommodate wide prints, which has been successfully used for many years.

The Pease Junior sheet washer allows you to dispense with the use of an open bath tray, dripping prints and wet floors. The blue prints are washed better and dried more quickly than when soaked in a tray. The color of the blue prints is intensified and exceptional non-fading qualities obtained by the use of a 5% solution of bichromate of potash.

The small tray and wide brush shown at the foot of the washer offer a very excellent method for applying this bichromate of potash while the blue prints remain in the washer after the first water wash. Thus the chemical does not come in contact with the hands.

After the potash has been applied, a spray of clear water is turned on to wash off the surplus potash. This tray also provides a very excellent method for washing and fixing negative prints and one of the small trays and brushes should be used for carrying the fixing chemical.

It is very important, in fixing negative prints, that they be given a long wash to clean from the surface the surplus nitrate of silver. This can be very readily done by keeping a spray of water running until the surface of the paper is thoroughly cleansed; then applying the fixing chemical with a wide brush, afterwards washing again with a spray of clean water.

Pease paper especially recommended—Our Royal or Puritan blue print paper—X-Electric speed—any thickness, or our negative paper No. 1222 thin, or No. 1221 extra thin, is particularly recommended for use in Pease Junior blue printing machines and sheet washers. Pease blue print paper has an exceptional reputation for color, range of exposure, strength, sharpness and non-fading features.

No. 6418 —PEASE JUNIOR BLUE PRINTING MACHINE \$

No. 6420AA—PEASE JUNIOR SHEET WASHER including
small potash tray and brush. \$

In Ordering state current and voltage and if alternating
state frequency of cycle.

See Price List Inside Back Cover

Simple to Operate!



*The Pease
"Junior" Sheet
Dryer with
Electric Heater*

THE Pease "Junior" Sheet Dryer is simple to operate and will give "trouble-free" performance when kept in good running condition. All parts are easily accessible and machine can be easily cleaned and oiled as regularly as required which is very essential. Also, the proper heat regulation is most important and should be carefully maintained in accordance with class of work being done and speed of operation.

When equipped with gas heater, the copper drum in the Pease "Junior" Sheet Dryer contains one burner and can be heated up to proper drying temperature in about three minutes. The dryer is equipped with hand regulated air-mixer valve and also push button pilot lighter and consumes approximately 20 cubic feet of gas per hour.

When equipped with electric heater, the copper drum on the Pease "Junior" Sheet Dryer contains two Nichrome Wire heating units each with separate switch and the drum can be heated up to proper drying temperature in about 10 minutes. When operating on 110 volts, electric heating units consume about 35 amperes and when operating on 220 volts, heating units consume about 20 amperes. Drive motor consumes about $1\frac{1}{2}$ amperes and heat in the dryer is automatically cut off when the drive motor is shut down.

*Ask for Prices on
The "Junior" Sheet Dryer*

PEASE

SHEET WASHERS AND DRYERS

A new **PEASE DRYER** *The "Junior"*



for

BLUE-PRINTS
NEGATIVES
BLUE-LINE PRINTS
BROWN-LINE PRINTS
PHOTOSTAT AND
RECTIGRAPH PRINTS

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No. 3243—BLU
No. 3244—BLU
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No. 3247—BLU
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No. 3249—BLU

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No. 3240—B
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No. 3241—B
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No. 3604—F
No. 3605—F

Everything for Blue Printing

BLUE PRINT FRAMES



These blue print frames are made of carefully selected, thoroughly seasoned hardwood, are of perfect workmanship and combine all the latest improvements. They are made to stand exposure to the weather incidental to their use, and are less liable to warp and shrink, and thereby break the glass, than any other frame made.

	Printing Surface	Frame Only	With Cotton Pad	Polished Plate Glass	Double Strength Glass
No. 3242—BLUE PRINT FRAME	20x24 in.	\$	\$	\$	\$
No. 3243—BLUE PRINT FRAME	24x30 in.	\$	\$	\$	\$
No. 3244—BLUE PRINT FRAME	24x36 in.	\$	\$	\$	\$
No. 3245—BLUE PRINT FRAME	30x42 in.	\$	\$	\$	\$
No. 3246—BLUE PRINT FRAME	36x48 in.	\$	\$	\$	\$
No. 3247—BLUE PRINT FRAME	36x60 in.	\$	\$	\$	\$
No. 3248—BLUE PRINT FRAME	42x60 in.	\$	\$	\$	\$
No. 3249—BLUE PRINT FRAME	42x72 in.	\$	\$	\$	\$

Any special size made to order.

All glass is carefully packed by an expert, and we are not responsible for breakage of glass in transit.

PATENT OFFICE SIZES

Made of hardwood, well finished, with locked corners and brass trimmings, and answer very well for the small sizes. Their lightness is a good feature, as they can be easily handled.

No.	Description	Size	Each
No. 3240—BLUE PRINT FRAME, with double	thick glass and pad	12x16 in.	\$
No. 3241—BLUE PRINT FRAME, with double	thick glass and pad	16x21 in.	\$

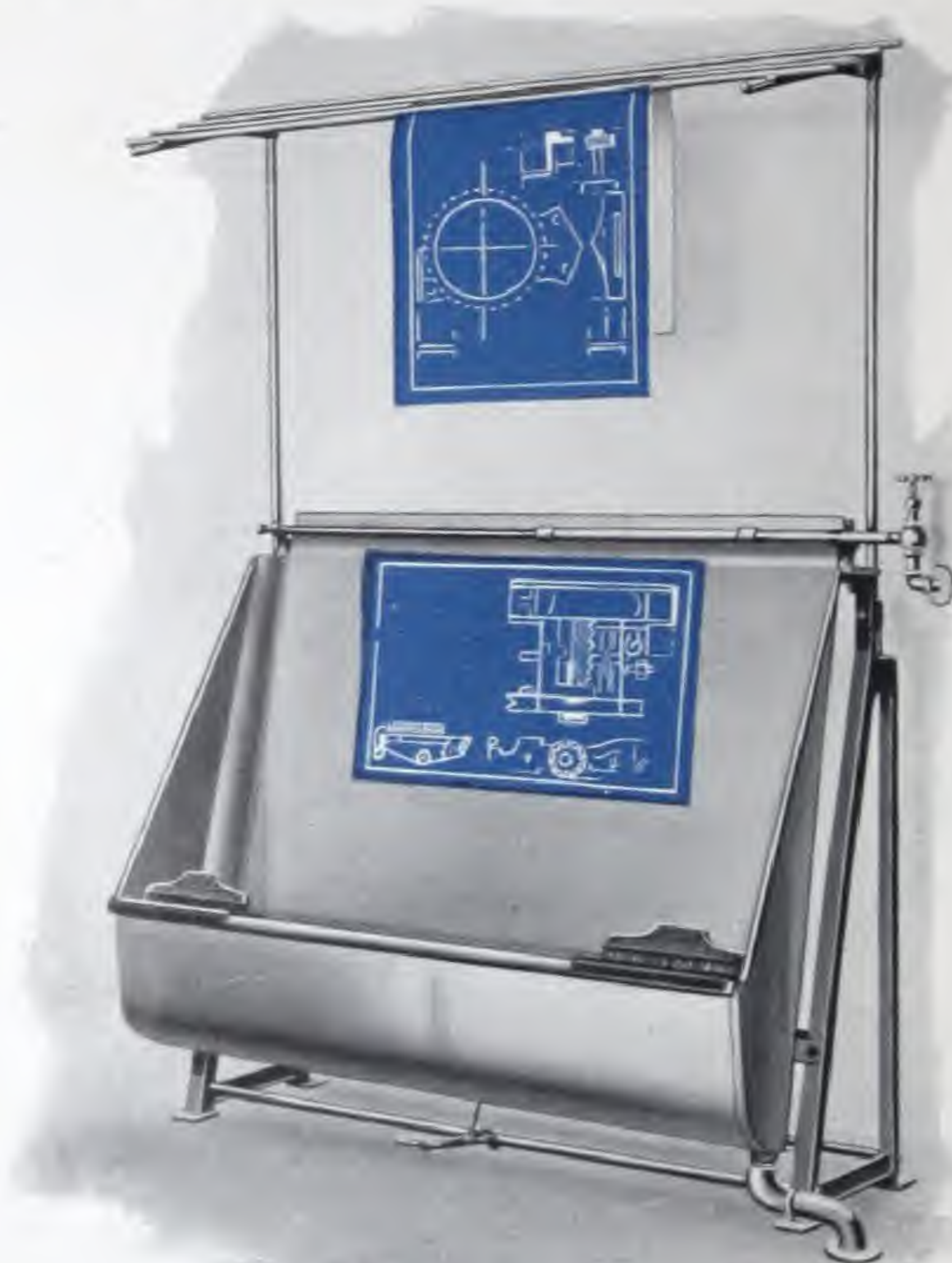
FELT FOR PRINTING FRAMES

No. 3604—FELT.	70 in. wide, $\frac{1}{4}$ in. thick, per yard	\$
No. 3605—FELT.	70 in. wide, $\frac{1}{2}$ in. thick, per yard	\$

See Price List Inside Back Cover

The C.F. Pease Company

THE PEASE IMPROVED SHEET WASHER



Pease Improved Sheet Washer

- No. 6420-AA—Washes prints 24x36 in.; floor space 24x32 in. Width of Tray, 28 in. \$
- No. 6420-A —Washes prints 42x72 in. and smaller; floor space 4½x2 ft. Width of Tray, 48 in.
- No. 6420-B —Washes prints 54x72 in. and smaller; floor space 5½x2 ft. Width of Tray, 60 in.
- No. 8839 —White Print Clearing Chemical Tray and No. 2203 10-in. Brush, when purchased separately
- No. 8840 —Blue Print or Negative Solution Tray and No. 2203 10-in. Brush, when purchased separately
- No. 2203 —10-in. Brush, when purchased separately

NOTE: Pease Sheet Washers are painted in olive green enamel and one No. 8840 Tray and one No. 2203 brush are furnished with each washer purchased.

See Price List Inside Back Cover

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Everything for Blue Printing

THE PEASE IMPROVED SHEET WASHER

This Washer is especially recommended for use in connection with our Pease Vertical Blue Printing Machine, with sun frames or as an auxiliary to the Pease Peerless Equipment. The prints are washed with running water, entirely avoiding the use of flat tanks, which occupy a great deal of space, and in which the water soon becomes foul with chemicals and unfit for use.

The Pease Improved Sheet Washer has a specially designed trough which is so arranged that by turning the strainer of the outlet upside down it forms a plug enabling the operator to accumulate a pool of water in the trough which may then be used as a bath tray if desired, for small prints.

Small Prints up to 36x42" can be washed by rolling the print and immersing it in the water pool in the bottom of the tray allowing the paper to unroll as it is raised under the spray, placing the top edge of the print slightly under the sheet metal guard back of the spray. This guard can be raised with the foot treadle to facilitate putting the print underneath it. No further attention need be given until the print is fully washed. The method of washing larger prints is to fold the print over one of the rods provided and hang it on the tray under the water spray. In this position the full exposed side of the print is thoroughly washed after which it is suspended on a rack to dry or passed through the Pease Sheet Dryer.

The Pease Sheet Washer saves time and space, washes the prints thoroughly and avoids dripping prints and wet floors. In combination with the Pease Vertical Blue Printing Machine and Pease Sheet Dryer the equipment is extremely economical, requires very little floor space, is thoroughly hygienic and enables the operator to turn out first class prints of all kinds at any time.

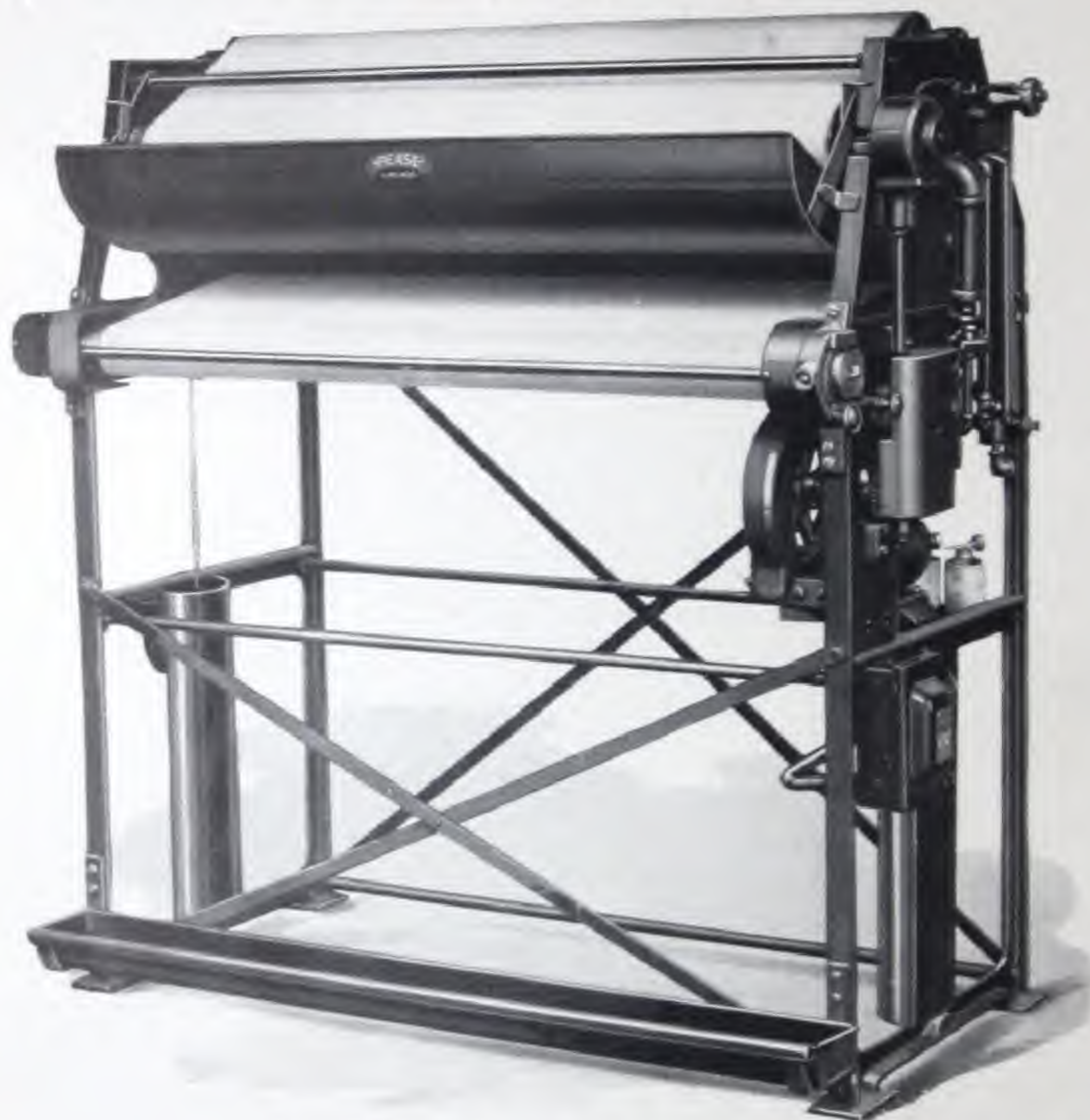
The Small Trays shown at the foot of the washer with brushes will be found very valuable for applying bichromate of potash to the blue prints for intensifying the color and the fixing solution to negative prints for making the color permanent.

The Pease Sheet Washer is especially valuable for washing negative and brown line prints as they require an extra long wash to cleanse from them the nitrate of silver, and the fixing solution can be applied to the prints with a wide brush while they remain in the washer.

\$250.⁰⁰ + Freight 10.⁰⁰

The C.F. Pease Company

THE PEASE SHEET DRYER WITH AUTOMATIC BAND CONTROL



No. 6505A—Pease 45" Sheet Dryer

No. 6505B—Pease 57" Sheet Dryer

Single belt type. Two speeds—4 and 8 feet per minute. For drying blue-prints, negative prints, photostat and photographic prints. Illustration shows dryer with gas heater and thermostatic heat control; can also be furnished with electric heater. **Automatic Band Control** is standard equipment on Pease sheet dryers—it is a very great improvement and the Pease Single Belt Sheet Dryer is the only dryer having this self-adjusting device for regulating the travel of the band.

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Everything for Blue Printing

The Pease Sheet Dryer is constructed in a thoroughly mechanical manner throughout. The frame work, like that of the Peerless Blue Printer, is so rigid that the Pease Sheet Dryer is shipped completely set up.

Wet Blue Prints are placed on the woven seamless band in front of the drying cylinder so that the face of the print rests on the brass scraper tube in front of the belt which removes the surplus water before the print enters the dryer and this surplus water drips into the tray suspended at the bottom of the machine. The contact belt or feeding apron slants downwards slightly which drains the water away from the cylinder and prevents it from collecting at the point where the cylinder and the belt meet; otherwise the heated cylinder would boil the water and eventually cause creases, or steam pockets in the paper. This is a feature not found in any other dryer.

Prints should be laid on the apron face downward and will feed automatically into the dryer and be returned to the tray in front of the machine within easy reach of the operator's hands, perfectly dry and absolutely smooth and free from wrinkles. (See page 37 for Rear Return Attachment). The belt is stretched over a feeding table just in front of the cylinder which eliminates any misshaping of the band and resultant creased prints.

Eight linear feet per minute is the regular speed at which blueprints or negative prints may be dried—when desired, by means of a gear shift, the dryer may be operated at four feet per minute. A special gear, not regularly furnished, designed to operate at $2\frac{1}{2}$ feet per minute, can be furnished as special equipment in place of the regular gears for photoprints when requested.

Perfect contact is produced by the woven seamless band. These belts are shorter than those used on other dryers and last much longer. Any tendency of the band to travel sideways is regulated by the new automatic band control—a special device which effectively guides the travel of the band over the rollers. In addition to relieving the operator of a lot of worry and continual caution, this device is estimated to double the life of the band through preventing unnecessary stretching and preventing ravelling by contact with the sides of the dryer.

The patented thermostat furnished with Pease Sheet Dryers when gas is the drying element enables the operator always to keep the cylinder at a constant heat. The cylinder must be at the proper heat as success in drying prints without wrinkles depends to a very large degree upon the cylinder being at a hot enough temperature, yet not so hot that the prints will be scorched. The patented thermostatic control maintains this temperature for the operator.

The gas heated drum in the 45" and 57" Dryer will only consume 30 to 40 cubic feet of gas per hour on the average and will heat up to the proper temperature in five to ten minutes. The drum in the 22" Dryer consumes 15 cubic feet of gas per hour.

The C.F. Pease Company

The revolving copper drum heats up quicker, retains heat longer and dries prints better. The Pease Sheet Dryer is the only dryer into which prints may be started, dripping wet, and come out into the receiving tray perfectly dry and free from wrinkles.

No finger arrangement is necessary with the Pease Sheet Dryer in order to separate the prints from the drying cylinder as many experiments have proved that the prints, when fully dried, will **NOT ADHERE** to the **COPPER** drum which is used on all Pease Sheet Dryers.

An electrically heated drum will be provided with the Pease Sheet Dryer if gas is not available. This is arranged with switches for regulating the heat. The electrically heated drum in the case of the 45" Dryer is provided with coils consisting of 4 units of $7\frac{1}{2}$ amperes each, for 220 volts and 15 amperes for 110 volts, controlled by separate toggle switches for each unit, enclosed in a dead front panel box of approved design, which require 30 amperes at the maximum on a 220 volt circuit. The 22" Dryer requires 15 amperes at the maximum on a 220 volt circuit. When this amperage is thrown in, the drum will heat within five minutes after which the current consumption may be reduced by means of switches, down to one-half or even one-fourth the amperage and still keep the drum at the proper heat. This must depend largely on the quantity of prints being dried at any one time.

A **one-quarter horsepower** motor operates the Pease Sheet Dryer. Cut gears and ball bearings are used throughout and all gears are fully protected. The Dryer is quiet in operation and the Special Automatic Band Control completely regulates all creeping of the woven seamless band.

To prevent scorching the band when stopping the machine, a separate asbestos apron is provided with all Pease Sheet Dryers and this should be fed into the machine just as the operator would feed a print. When the asbestos apron has entered the machine far enough to completely surround the drum, the motor and heat should be turned off. The asbestos apron will completely protect the canvas and prevent scorching. This is **ABSOLUTELY ESSENTIAL** in order to prolong the life of the belt and save maintenance expense.

The Pease Sheet Dryer can be used in connection with the Pease Peerless and Pease Vertical Blue Printing Machines and Pease Sheet Washers where it is preferred to use cut sheets of blue print paper. It may also be used to distinct advantage in connection with any other blue printing machine whether vertical or horizontal.

Everything for Blue Printing

THE PEASE SHEET DRYER

SPECIAL REAR RETURN ATTACHMENT



Pease 45" Sheet Dryer with a special rear return attachment. Single belt type. Two speeds—4 and 8 feet per minute. For drying blue-prints, negative prints and photographic and photostat prints. Illustration shows dryer with gas heater, thermostatic heat control, automatic band control, and automatic rear return attachment. Electric Heating element can be furnished if desired, on all Pease Dryers.

No. 6509A—45" and No. 6509B—57"
Pease Sheet Dryers

This special feature on Pease Sheet Dryers consists of a small pressure blower directly connected to a one-eighth horse power motor mounted on the back at the left side of the dryer just in front of the revolving drum. The Blower, through a slotted tube, directs a thin blast of air against the drum at the point where the print leaves the seamless band. The blast of air raises the edge of the print away from the surface of the copper drum, turning it in an upward position where it comes in contact with narrow tapes which carry the print over to the rear of the machine where it falls into a tray or on a table.

The Pease Automatic Rear Return Attachment is positive in action when the machine is sufficiently heated to thoroughly dry the prints. It interferes in no way with the regular operation of the dryer and cannot injure in any way either the prints or the surface of the copper cylinder, and will return prints of any size to the rear of the machine.

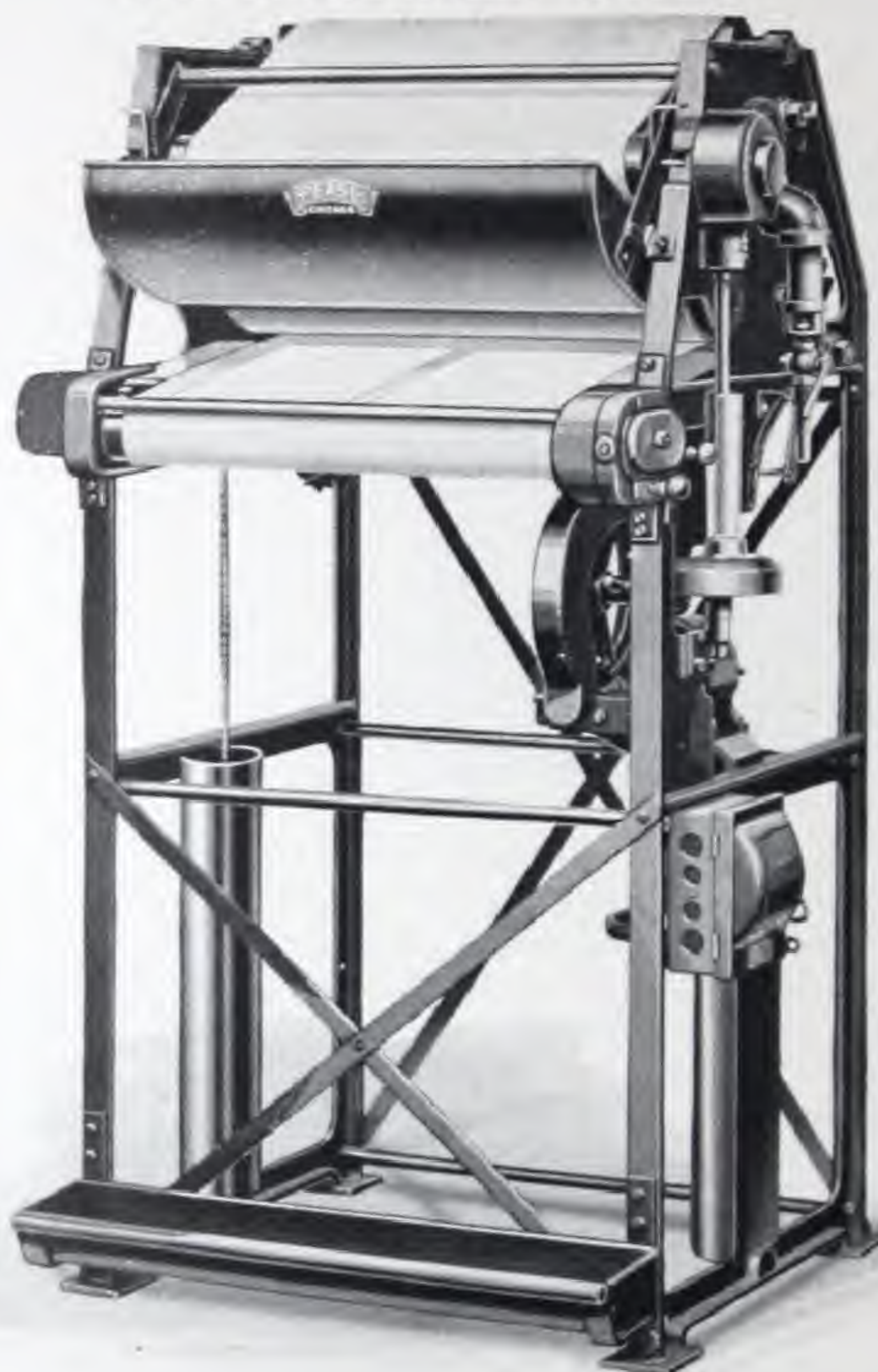
The Rear Return Attachment in addition to being furnished as special equipment on all new Pease Sheet Dryers, can be readily attached to any single belt Pease dryers now in service.

PRICES OF REAR RETURN ATTACHMENT SEPARATELY

Cat. No.	Size	Net Weight	Shipping Weight	Price
6443AA	22"	65 lbs.	90 lbs.	\$
6443A	45"	75 "	100 "	. . . . .
6443B	57"	85 "	110 "	. . . . .

See Price List Inside Back Cover

THE PEASE SHEET DRYER



No. 6505AA—PEASE 22" PHOTOGRAPHIC DRYER

Single belt type. One speed—4 feet per minute. Especially adaptable for photographic, photostat and rectograph prints. Gas heater—without thermostat. Automatic Band Control (No. 6505½AA is the same machine with gas heater but with thermostat). (No. 6506AA is the same machine equipped with electric heater.)

Floor space. 2½x3 ft.
 Net weight. 415 lbs.
 Weight crated for rail shipment. 565 lbs.

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Cat. No.
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 6505½AA
 6505A
 6505B
 6506AA
 6506A
 6506B

With Au

6509AA
 6509½AA
 6509A
 6509B
 6510AA
 6510A
 6510B

Everything for Blue Printing

THE PEASE SHEET DRYER

Complete Specifications on Single Belt Types

All Single Belt Pease Sheet Dryers are now furnished with the new AUTOMATIC BAND CONTROL which automatically takes care of all side travel of the band and requires no attention from the operator.

The new Rear Return Attachment as illustrated on page 37, is furnished as special equipment on Single Belt type Pease Sheet Dryers.

SINGLE BELT TYPE

With Automatic Band Control

Cat. No.	Size	Heating Element	Thermostat	Floor Space	Weight Net	Pounds Ship.	Price
6505AA	22"	Gas	Without	39x30x60"	415	565	\$
6505½AA	22"	Gas	With	39x30x60"	420	570	. . . . .
6505A	45"	Gas	With	63x30x60"	460	725	. . . . .
6505B	57"	Gas	With	75x30x60"	535	830	. . . . .
6506AA	22"	Electric	Without	41x30x60"	470	620	. . . . .
6506A	45"	Electric	Without	65x30x60"	560	825	. . . . .
6506B	57"	Electric	Without	77x30x60"	635	930	. . . . .

SINGLE BELT TYPE

With Automatic Band Control and Rear Return Attachment

6509AA	22"	Gas	Without	46x47x62"	465	715	\$
6509½AA	22"	Gas	With	46x47x62"	470	620	. . . . .
6509A	45"	Gas	With	70x47x62"	510	775	. . . . .
6509B	57"	Gas	With	82x47x62"	585	880	. . . . .
6510AA	22"	Electric	Without	48x47x62"	520	670	. . . . .
6510A	45"	Electric	Without	72x47x62"	610	875	. . . . .
6510B	57"	Electric	Without	84x47x62"	685	980	. . . . .

See Price List Inside Back Cover

The C.F. Pease Company

BATH TRAYS



	Depth	Size	Gal. Iron	Zinc	Copper	Lead
No. 8816—BATH TRAY	4" Deep	20x24"	\$	\$	\$	\$
No. 8817—BATH TRAY		24x30"	. . . .	. . . .	. . . .	. . . .
No. 8818—BATH TRAY		30x42"	. . . .	. . . .	. . . .	. . . .
No. 8819—BATH TRAY	6" Deep	36x60"	\$	\$	\$	\$
No. 8820—BATH TRAY		42x60"	. . . .	. . . .	. . . .	. . . .
No. 8821—BATH TRAY		45x75"	. . . .	. . . .	. . . .	. . . .
No. 8822—BATH TRAY		56x98"	. . . .	. . . .	. . . .	. . . .

Other sizes to order

Pease Bath Trays are made of selected Oak and come lined in zinc, galvanized iron, lead and copper. Lead and copper lined trays are not attacked by chemicals and are especially adapted for brown process prints. These bath trays are equipped with a drain plug.

BLUE PRINT WRINGER



The frame is made of malleable iron, thoroughly galvanized to prevent rusting. The rubber rolls are of the best quality.

No. 9615—BLUE PRINT WRINGER, 24 in.	\$
No. 9616—BLUE PRINT WRINGER, 30 in.	. . . . .
No. 9617—BLUE PRINT WRINGER, 36 in.	. . . . .
No. 9618—BLUE PRINT WRINGER, 42 in.	. . . . .

Above sizes indicate width of roll. To accommodate clamps for fastening wringer a tray four inches wider must be provided.

See Price List Inside Back Cover

Pease Photographic Arc Lamps

for Photo-Engraving, Photo Lithography, Printing, Enlarging and Vacuum Frame Work

PEASE PHOTOGRAPHIC ARC LAMPS are the result of our years of experience in manufacturing arc lamps. They possess many valuable features not contained in other arc lamps and have proved to be very rich in actinic value. Pease Lamps not only print very rapidly, but they are also very economical both in electrical consumption and carbon expense. They have been very thoroughly tested with a spectrograph by a physicist of one of our leading technical universities and found to possess exceptional photographic value.

Pease Enclosed Arc Lamps are manufactured in several styles and sizes suitable for practically all requirements and many satisfied users completely recommend their efficiency and economical operation.

Most important is the quality of negatives secured and because of the enclosed arc, Pease Lamps give a more steady and even distribution of light, getting better detail and more contrast with less exposure time than required by other arc lamps. Dust or obnoxious odors do not arise from the lamps and the oxygen of the room is not consumed by their operation.

Globes are easily kept clean and are fitted upon a special spring base which automatically takes up any expansion or contraction, thereby minimizing breakage. There are also considerable savings in carbon and current consumption and actual tests have proved Pease Enclosed Arc Lamps produce at least 75% saving in carbon expense as compared to open-flame lamps.

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The C.F. Pease Company

PEASE TYPE P PHOTOGRAPHIC ARC LAMP



Pease Photographic
Lamp—Type P

Telescoping Standard
Only—No. 57215

nish and never require painting. The outer finish of these reflectors is an attractive black crystallized lacquer. Standard is adjustable from 45" to 65".

The box containing resistance coils and safety switch is attached to the stand, thus making each lamp a complete installation which may be moved around at will.

Globe No. 4027 is used on Type P Lamp, solid carbons No. 57022— $\frac{1}{2}$ x9 inches and cored carbons No. 57023— $\frac{1}{2}$ x9 inches.

Price

\$

See Price List Inside Back Cover

This lamp is of the enclosed arc type and consumes 7 to 8 amperes on 220 volts direct or alternating current. When two lamps are used on a camera they are wired in multiple and it is impossible for one lamp to steal current from the other, nor will the lamps consume more than the stated amperage.

Pease Type P Lamps will burn from three to four days regular running, or 14 consecutive hours, without retrimming. The carbons should be trimmed in the morning when the lamps are cold and no further attention need be paid to them for 14 to 16 hours actual running time.

The carbons do not smoke up the globes and it is only necessary to clean the globes when the carbons are trimmed. The construction of Pease Type P Lamps is such that globe breakage is practically eliminated. A special globe cleaning brush is furnished with each pair of lamps.

We claim that our Type P, 7 to 8 ampere lamp on 220 volts will make the exposure as rapidly as any 25 ampere 110 volt open flame lamp and at the same time give better detail and greater density.

Only Pease Peerless Carbons should be used in Pease Lamps. Peerless carbons are free from ash and will not smoke up the globes. White flame carbons should NEVER be used in Pease Lamps.

We claim that Pease Type P Lamps will save 40% in electrical consumption and at least 75% in carbon expense, besides a large saving in time used with open flame lamps in retrimming the carbons.

Pease Type P Photographic Arc Lamps are mounted on an adjustable telescoping standard which is equipped with rubber tired casters. Standard and Lamp are finished in black, gun metal baked enamel, and the lamp can be instantly raised or lowered to any position. The lamps are furnished with 14x15" satin finished aluminum reflectors which do not tar-

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Photographic Lamps and Supplies

PEASE TYPE U PHOTOGRAPHIC ARC LAMP

Spring Balance or Telescoping Standard

See page 22 for close-up view and further description of Type U Lamp



Pease Photographic Lamp—
Type U—No. 57237
Spring-Balance Standard

This lamp is of the enclosed arc type and consumes from 11 to 12 amperes on 220 volts direct current or alternating current, any cycle. As with Type P Lamps, these lamps are wired in multiple and it is impossible for one lamp to steal current from the other.

Type U Lamps are very rich in printing value. They are much faster when used on 220 volts direct or alternating current than any open flame lamp of the same wattage. The lamps burn in a near vacuum and they are perfectly free from dust or obnoxious gases. They are without flicker, consequently the eye strain is greatly reduced.

Pease Type U Lamp will cut electrical consumption $33\frac{1}{3}\%$ and carbon costs fully 75% as compared with open flame lamps. The construction is such that globe breakage is practically eliminated, a spring base being provided to offset the expansion and contraction of the globe.

Only Pease Peerless Carbons should be used in these lamps. They will burn from 16 to 18 consecutive hours without retrimming and do not throw off ash or smoke up the globes. The carbons may be trimmed in the morning when the lamps are cold and no further attention be paid them during the day's

run. A special globe brush for cleaning the globes is furnished with each pair of lamps.

Pease Type U Lamps are provided with 16" square or 24" square satin finished aluminum reflectors which do not tarnish; hence never require painting. The outer finish of these reflectors is an attractive black crystallized lacquer. The lamps are mounted on a spring balance or telescoping standard handsomely finished in black gun-metal baked enamel, mounted on rubber-tired casters so that they may be easily moved about.

The C.F. Pease Company

PEASE TYPE U PHOTOGRAPHIC ARC LAMP

Spring Balance or Telescoping Standard

See page 22 for close-up view and further description of Type U Lamp



Pease Photographic Lamp
Type U—No. 57257 Tele-
scoping Standard

Type U Lamp has been proved to be a rapid-printing lamp for making blue or negative prints on vacuum frames. When used with vacuum frames the lamp may be furnished with a 24" reflector in place of the 16" reflector, but if the larger reflector is wanted the order must so state as Type U Lamps are regularly furnished with 16" reflectors. The spring balance standard is adjustable from 22" to 67".

Type U Lamp with telescoping standard is recommended where small floor space is required as the base is only 22" in diameter. Reflector is regularly furnished in 16" size and if large reflector is wanted, order must so state. Telescoping standard is adjustable from 36" to 56".

The resistance coil box and safety switch of approved design are attached to the standard; thus each lamp is a complete equipment in itself and may be moved from place to place if desired. It is not necessary to attach the coil box to a side wall or to the ceiling or to furnish a special switch.

Globe No. 4026 is used on Type U Lamp—solid carbons No. 57020— $\frac{1}{2}$ x12 inches and cored carbons No. 57021— $\frac{1}{2}$ x12 inches.

Price with Spring Balance
Standard \$
Price with Telescoping
Standard \$

See Price List Inside Back Cover



PEASE

See page



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The Pease
exclusive with
Globe No.
No. 57020— $\frac{1}{2}$
Price

Photographic Lamps and Supplies

PEASE TYPE U DOUBLE ARC PRINTING LAMP

See page 22 for close-up view and further description of Type U Lamp



**Pease Double Arc Printing Lamp—Type U
Spring Balance Standard
Only—No. 57243**

This lamp consists of two Type U 11 to 12 ampere 220 volt lamps for either direct or alternating current, enclosed in one large satin finished aluminum reflector, 20x27", which never tarnishes and does not require painting. The outer finish of this reflector is an attractive black crystallized lacquer.

Pease Double Arc Printing Lamps are wired in multiple and cannot possibly steal current from each other. Each lamp has an independent coil box and safety switch attached to the standard so that the lamps can be used separately or together, as desired. The lamps are mounted on a spring balance adjustable standard finished in black gun-metal baked enamel, mounted on rubber-tired casters so that they may be easily moved about. Standards are adjustable from 20" to 66".

The construction of Pease Double Arc Lamps is such that the two lamps on standard may instantly be turned half way round, thus enabling the operator to use the same pair of lamps on two printing frames. This naturally saves floor space and a great deal of the operator's time as he can be loading one printing frame while the lamp is printing the other, and this operation can be reversed indefinitely.

The Pease Type U Double Arc Printing Lamps are the most convenient lamps ever devised for printing frames. They are also being put to very successful use on vacuum frames. These lamps are very rapid and in most cases the output is doubled due to cutting the exposure time in half.

In addition, there is no increase in current consumption and maintenance costs are very low. There is no flicker, no eye strain, yet the lamps give better detail with greater density.

The Pease Double Arc Printing Lamps, Type U, have all of the other features exclusive with the regular Type U Lamp.

Globe No. 4026 is used on Type U Double Arc Printing Lamp—solid carbons No. 57020— $\frac{1}{2}$ x12 inches and cored carbons No. 57021— $\frac{1}{2}$ x12 inches.

Price

See Price List Inside Back Cover

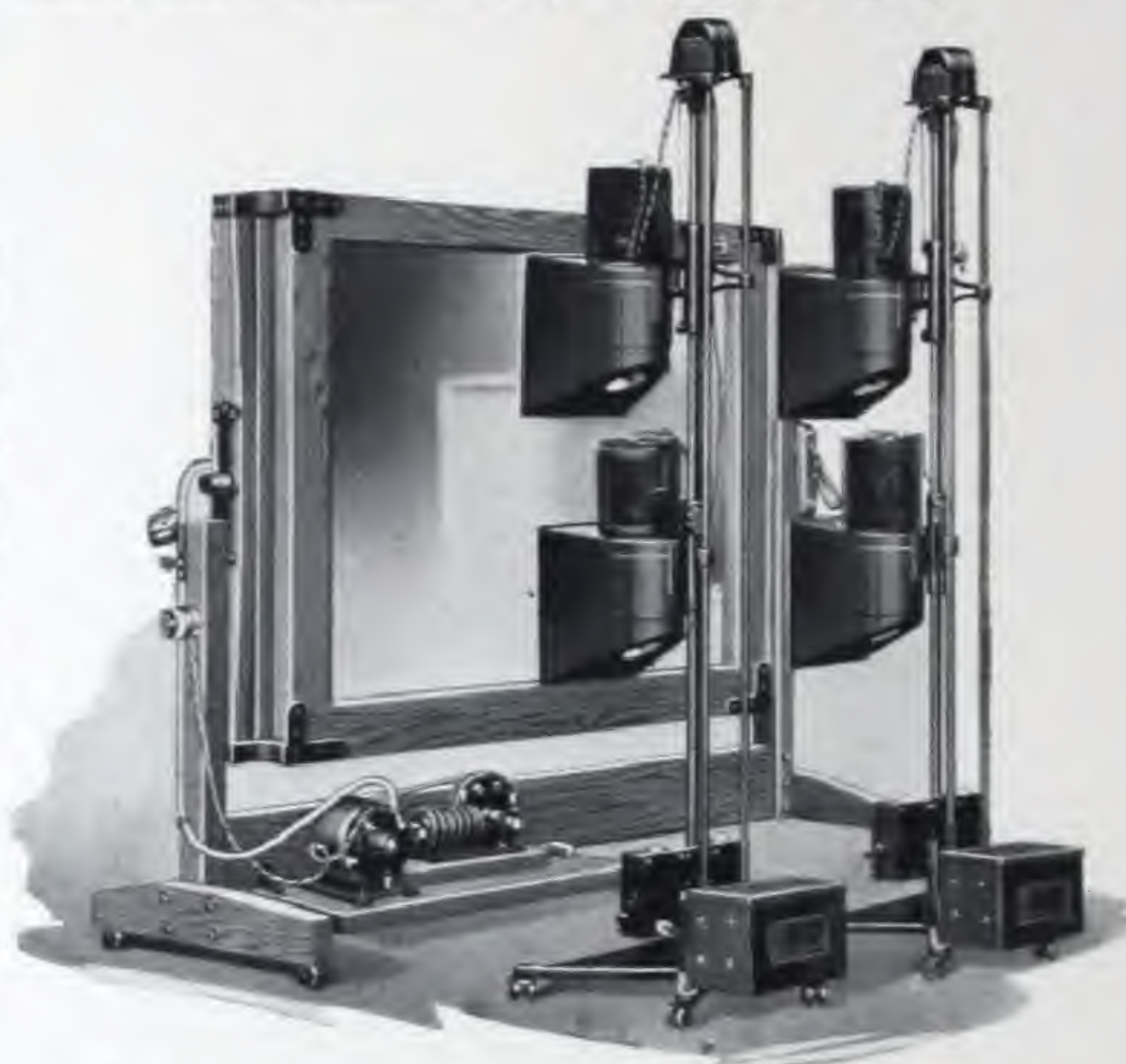
The C.F. Pease Company

PEASE TYPE U DOUBLE DECK ARC LAMPS SPRING BALANCE STANDARD

For Use with Vacuum Frames and Large Printing Frames

See page 22 for close-up view and further description of Type U Lamp

Pease Double Deck Lamps burn quietly and without flickering from 16 to 18 hours without retrimming when Pease Peerless Carbons are used. White flame Carbons should never be used with Pease Enclosed Arc Lamps



Each Unit consists of two Pease Type U Enclosed Arc Lamps mounted on a double deck standard seven feet in height over all. Because of their wide area of light distribution which can be directed at any angle, these lamps are unexcelled for use with vacuum frames and large printing frames.

Standard is finished in black gun-metal, baked enamel, and mounted upon rubber-tired casters permitting any floor position. Each lamp has an individual spring balance with both vertical and horizontal swinging movement for projection of light at any position within 180°.

The center of the arc of the lower lamp, at lowest position, is 20½ inches from the floor and the center of the arc of the upper lamp, at the highest position, is 69 inches from the floor. The arc centers of the two lamps, set at closest position to each other, are 24 inches apart.

Each lamp consumes twelve amperes on either 220 volts A. C. or D. C. and is provided with a 16" square or 24" square satin-finished aluminum reflector which does not tarnish. The outer finish of these reflectors is an attractive black crystallized lacquer.

No. 57239—With 24" Reflector.....\$.....
No. 57240—With 16" Reflector.....\$.....

See Price List Inside Back Cover

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Photographic Lamps and Supplies

PEASE PHOTOGRAPHIC PROOFING MACHINE

Complete with Pease Type U Arc Lamp

(See page 22 for complete description of Type U Lamp)



Printing Speed of 3 to 4 Minutes
per Exposure

Using Pease Peerless Carbons the Pease Proofing Machine will print quickly without flicker, dust or odor. Will burn from 16 to 18 hours without retrimming. Never use White Flame Carbons with Pease lamps.

adjusted between 36 and 44 inches from the floor and is lined entirely with heavy felt to protect frame corners and give quiet operation. A supporting shelf encircling the top is provided for small frames and a stop on the bottom holds larger frames at the correct angle. Inside top diameter of metal tub holding frames is 48 inches. Inside bottom diameter is 36 inches.

The Pease Proofing machine is equipped with a Pease Type U High Power Arc Lamp with light shield, suspended on an adjustable arm over the tub and can be raised or lowered for perfect light distribution. This lamp consumes 12 amperes on 220 volt A. C. or D. C. current and 20 amperes on 110 volt A. C. or D. C. current. Two hundred twenty volt current is particularly recommended as it produces fastest printing speed and best results. Resistance coils and control switch are mounted beneath the tub on the adjustable lamp support.

No. 6445

See Price List Inside Back Cover

The C.F. Pease Company

PEERLESS HEAT RESISTING GLOBES FOR EVERY STYLE OF LAMP USED FOR BLUE PRINTING AND FOR PEASE PHOTOGRAPHIC ARC LAMPS



No. 4023

Are made of a special annealed or thermal glass, and will withstand the constant high temperature with less breakage than other globes. Peerless Globes are subjected to a vacuum test for accuracy in grinding. Although costing more than ordinary globes, they are the cheapest in the end on account of the non-breakable and non-corroding qualities of the glass.

Nos. 4021 to 4027:

Less than one dozen, each \$
 One dozen or more, per dozen
 Lots of three dozen, per dozen
 Case lots of six dozen, per dozen
 Above prices apply to all globes except
 Nos. 4024, 4028.

No. 4024	{	Each \$
		Per case of six
No. 4028		Per case of twelve



No. 4027

See Price List Inside Back Cover

DIAGRAM BL

If you are not
 Peerless Mach
 Peerless Mach
 lamps, require
 Pease Vertical
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 Pease Type U
 Pease Type U

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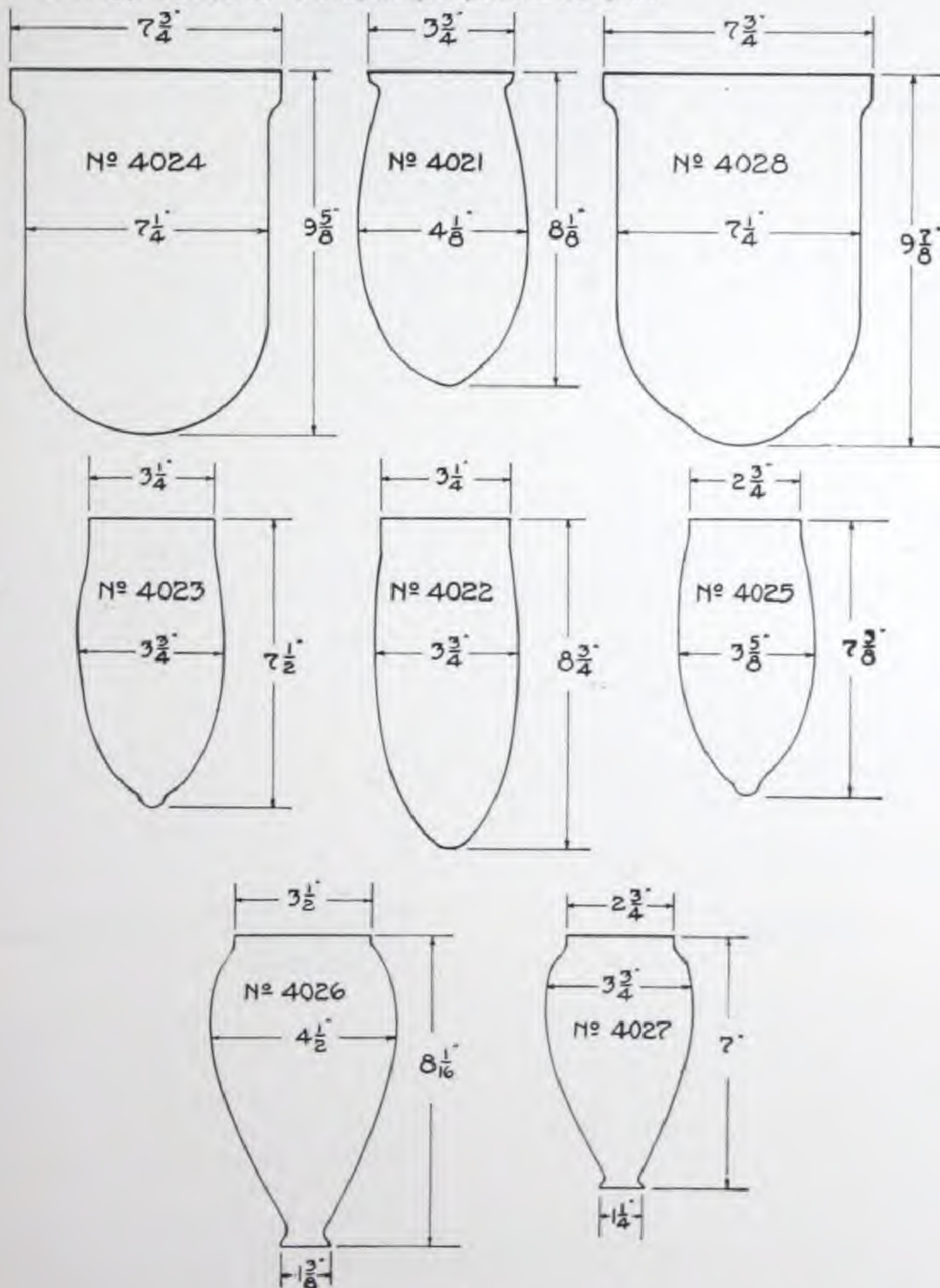
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Everything for Blue Printing

DIAGRAM OF PEERLESS HEAT RESISTING GLOBES FOR BLUE PRINT AND PHOTOGRAPHIC LAMPS

If you are not positive of catalog number of type of globe required, be sure to specify exact dimensions.
 Peerless Machines equipped with old type 6 ampere lamps, require No. 4023 globe.
 Peerless Machines and Pease Junior Vertical Machines equipped with new type Universal High Power lamps, require No. 4027 globe.
 Pease Vertical Machines equipped with 12 ampere lamps, require No. 4026 globe.
 Pease Type P Photographic Arc Lamps require No. 4027 globe.
 Pease Type U Photographic Arc Lamps require No. 4026 globe.
 Pease Type U Double Arc Printing Lamps require No. 4026 globe.



The C.F. Pease Company

PEERLESS CARBONS



Peerless Carbons are made especially for blue printing and Pease Photographic lamps of the enclosed type and burn longer and more uniformly than other makes, without clouding the globes. They are either solid or cored. Two solid carbons are best for direct current lamps; one solid and one cored for alternating current lamps. They are packed in cartons of twenty-five and one hundred.

		Per 25	Per 100	Per 500	Per 1000
No. 57022—Solid,	$\frac{1}{2} \times 9''$	\$ 1.25	\$ 5.00	\$ 25.00	\$ 50.00
No. 57023—Cored,	$\frac{1}{2} \times 9''$	1.25	5.00	25.00	50.00
No. 57020—Solid,	$\frac{1}{2} \times 12''$	1.50	6.00	30.00	60.00
No. 57021—Cored,	$\frac{1}{2} \times 12''$	1.50	6.00	30.00	60.00
No. 57076—Solid,	$\frac{1}{2} \times 16''$	2.00	8.00	40.00	80.00
No. 57077—Cored,	$\frac{1}{2} \times 16''$	2.00	8.00	40.00	80.00

WHITE FLAME CARBONS USED IN OPEN ARC LAMPS

	25	100
No. 57166— $\frac{1}{2}$ x12 ^{cc} (star core) Lower for Direct Current.	\$	\$
No. 57245— $\frac{1}{2}$ x12 ^{cc} (star core) Copper Coated, Lower for Direct Current.		
No. 57291— $\frac{5}{8}$ x12 ^{cc} (star core) Lower for Direct Current.		
No. 57227— $\frac{1}{2}$ x12 ^{cc} (2-F Round) Upper for Direct Current.		
No. 57226— $\frac{7}{32}$ x12 ^{cc} Upper for Alternating Current.		
No. 57200— $\frac{3}{8}$ x12 ^{cc} Lower for Alternating Current.		

Special prices in lots of 500 and 1000.

Latter two numbers will be furnished with silver-tipping or copper-plating if desired at an additional price of 50c per hundred—see price list.

CARBON PLIERS



This is a most convenient tool for use in trimming the arc lamps used in electric blue printing machines. The hot carbons are easily removed and the new carbons cut accurately to any length desired without splintering, thus avoiding waste.

No. 7212—CARBON PLIERS,
per pair \$

GLOBE BRUSH



Especially adapted for reaching into the globes and effectively cleaning them without touching them inside by hand or metal, thus avoiding breakage. It will increase the printing value of the machine greatly to clean the globes with this brush daily.

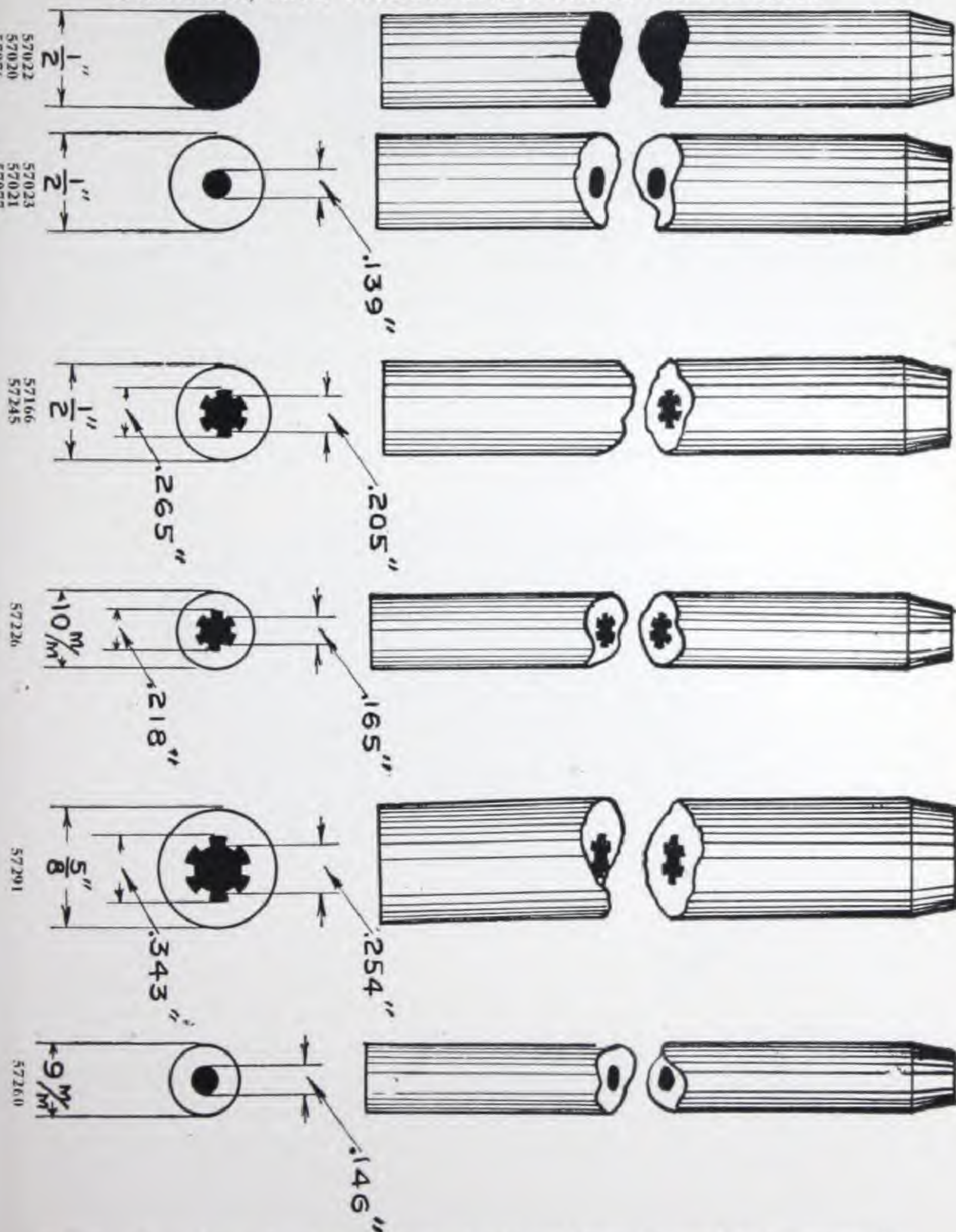
No. 2212—GLOBE BRUSH . . . \$

See Price List Inside Back Cover

NOTE: These carbons when page for desc

Everything for Blue Printing

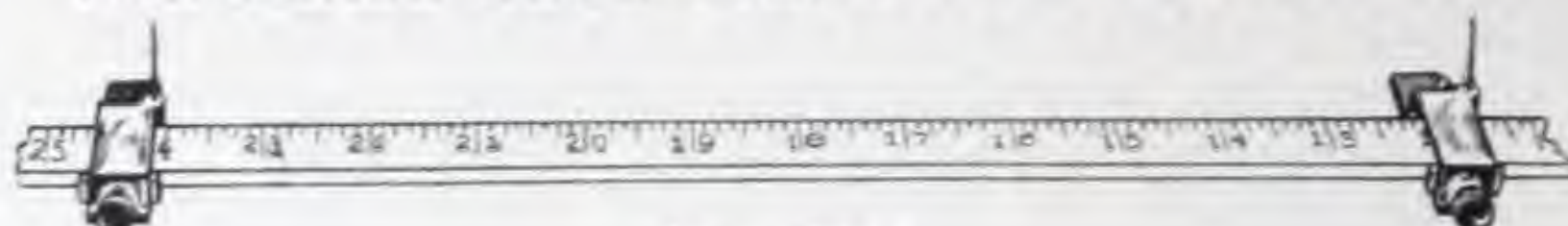
DIAGRAMS OF CARBONS FOR BLUE PRINTING, PHOTOGRAPHIC, AND PHOTO-ENGRAVING ARC LAMPS



NOTE: These Cross Sections are actual size and may be used to measure old carbons when ordering. Note numbers beneath diagrams and refer to opposite page for description.

The C.F. Pease Company

THE PEASE BLUE PRINT PINNING DEVICE



No. 7213

This device is used for registering Blue Prints for trimming in quantity to a uniform size. Especially convenient for small prints. A thirty-six-inch rule is provided with two adjustable clamps fitted with needle points. In operation the points are set on the rule at the desired width. The two opposite corners of the trimming line of the prints are placed over the needle points until fifteen to twenty-five prints have thus been registered, after which they are all trimmed at once by a shear as shown in cut below, and on following page.

No. 7213—BLUE PRINT PINNING DEVICE.....\$..... Each

BLUE PRINT TRIMMING SHEARS



No. 7715

This shear was designed for cutting up paper or trimming blue prints in quantities to uniform sizes. It can be attached to the end of any substantial table; will cut fifteen to twenty sheets at once; is provided with a strong foot clamp rising parallel, and self-adjusting to all thicknesses.

No. 7715—BLUE PRINT TRIMMING SHEARS, 30-in.....\$..... Each

No. 7716—BLUE PRINT TRIMMING SHEARS, 45-in.....\$.....

See Price List Inside Back Cover

No. 7726—P
No. 7727—P
No. 7728—P
No. 7729—P

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Everything for Blue Printing

PERFECTION PAPER SHEARS



	Trimming Width	Each
No. 7726—PERFECTION PAPER SHEARS	14½ in.	\$
No. 7727—PERFECTION PAPER SHEARS	19 in.	“
No. 7728—PERFECTION PAPER SHEARS	24 in.	“
No. 7729—PERFECTION PAPER SHEARS	29 in.	“

BLUE PRINT TABLE TRIMMING SHEARS



These Table Shears were designed for cutting up paper or trimming prints in quantities to uniform sizes. Will cut fifteen to twenty sheets at once; provided with strong foot clamp, rising parallel and self-adjusting to all thicknesses.

Table Top is accurately ruled with lines one inch apart and provided with stationary scale at each side divided into eighths of an inch.

Front gauge is easily removed and quickly adjusted for length.

This machine will soon pay for itself.

No. 7720—BLUE PRINT TABLE TRIMMING SHEARS,
width 45 inches. Each \$

Other sizes to order.

See Price List Inside Back Cover

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The C.F. Pease Company

HAND CUTTING AND TRIMMING TABLE



No. 9101

This **Cutting and Trimming Table** is constructed of hardwood with metal trimmings, and is easily knocked down for shipment. The cutting and trimming device at the end is provided with a parallel clamp, operated with a foot treadle which holds the paper, tracing cloth or print securely while the revolving cutting knife is used.

The **Revolving Cutting Knife** is rotated positively by mechanical means, not depending upon friction against blade or paper, and therefore will cut the thinnest paper perfectly. The device is rapid and convenient in operation, and will trim a very narrow strip from the paper or print.

The **Apparatus** was designed for cutting up blue prints made on our continuous machines, and will CUT ACCURATELY TO A LINE, trimming the print perfectly while it is being cut from the roll. The table top is ruled with lines one inch apart parallel with trimming knife and is provided with scale at front edge, divided into eighths of an inch.

- No. 9101—**HAND CUTTING AND TRIMMING TABLE**
Size, 4x6 ft., complete. \$
- No. 9102—Same with light-proof box, in place of basket.
Drawers, extra, each.
- No. 6424—**TRIMMING MACHINE** only, complete without
table; can be attached to any table.
- No. 6425—Same with light-proof box
If furnished without foot clamping device, deduct.

Other sizes to order.

See Price List Inside Back Cover

MOTOR



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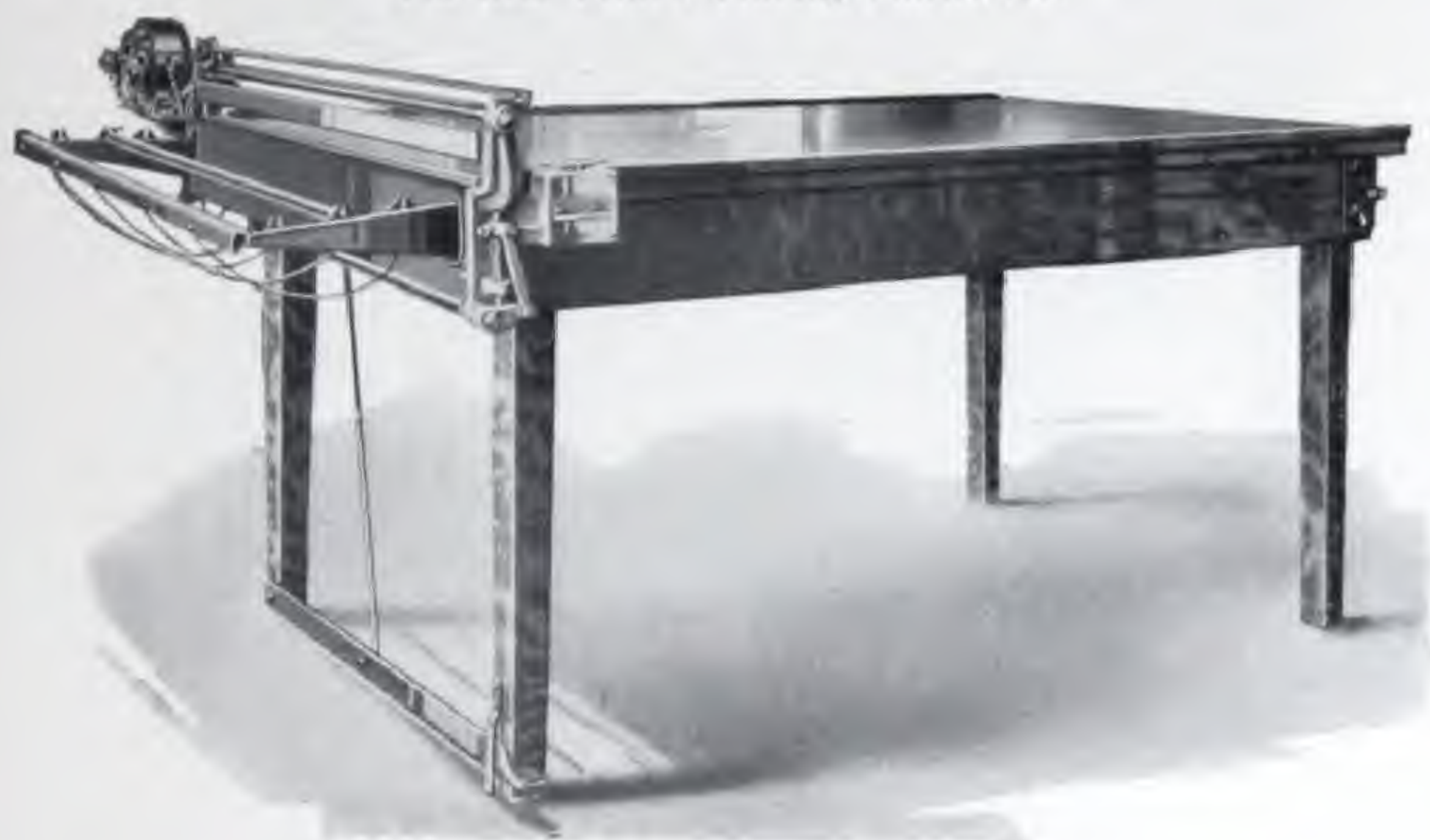
Table is c
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- No. 9103—Con
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- No. 9104—Sam
- No. 9105—Sam
bask
- No. 9106—Sam
- No. 6427—Pow
box
- No. 6429—Sam
- No. 6426—Tri
for
- No. 6428—Sam
- No. 9107—Tab
With draw
For rack
paper, a

Everything for Blue Printing

MOTOR DRIVEN CUTTING AND TRIMMING TABLE

For Blue Prints, Tracing Cloths, etc.



No. 9103

Designed for cutting up blue prints made on our continuous machines. Will cut accurately to a line, trimming the print perfectly while being cut from the roll.

It is provided with a parallel clamp, operated with a foot treadle, which holds the paper, tracing cloth or print securely while the revolving cutting knife is used. This device is very rapid and convenient in operation, and will trim a very narrow strip from the paper or print. The revolving cutting knife is motor driven and is rotated positively by mechanical means, not depending upon friction against the blade or paper, and therefore will cut the thinnest paper perfectly. Knife is electrically operated in either direction at will; is stopped or started at any point by a wrist controlled switch, which leaves both hands of operator free to handle the paper or prints.

Table is constructed of hardwood with metal trimmings, arranged to be easily knocked down for shipment. Electric equipment is complete and arranged so it can be connected to any incandescent light socket.

	Size A for 42-in. Paper	Size B for 54-in. Paper	Size C for 66-in. Paper
No. 9103—Complete with motor and basket as shown for D. C.	\$	\$	\$
No. 9104—Same for A. C.			
No. 9105—Same with light-proof box in place of basket for D. C.			
No. 9106—Same for A. C.			
No. 6427—Power trimming machine only, with box for D. C.			
No. 6429—Same for A. C.			
No. 6426—Trimming machine only, with basket for D. C.			
No. 6428—Same for A. C.			
No. 9107—Table only			
With drawers in table, add for each drawer			
For rack underneath table and 12 cans for paper, add			

See Price List Inside Back Cover

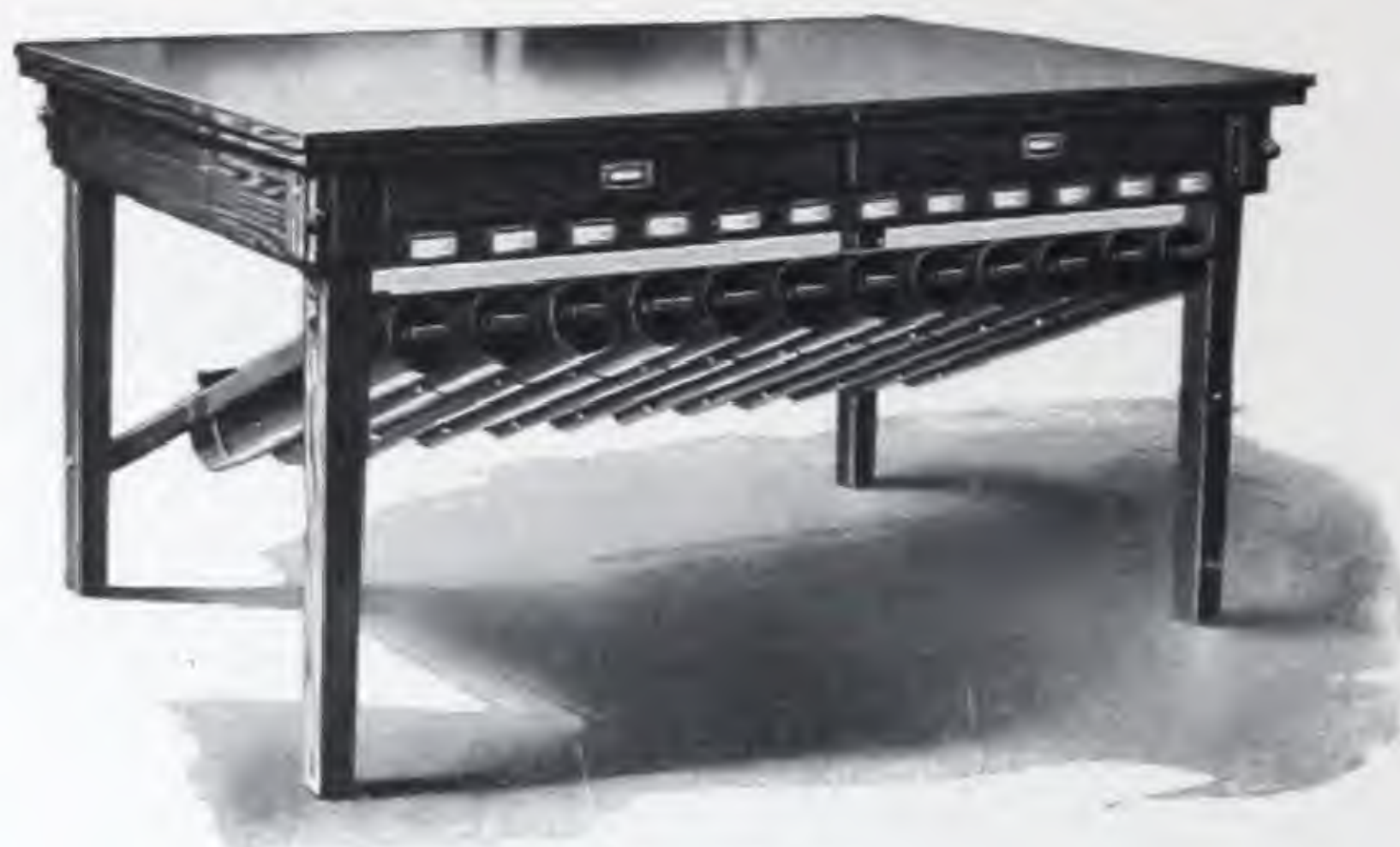
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The C.F. Pease Company

THE PEASE TRACING TABLES



No. 9108

Especially designed for use in connection with the Pease Peerless Blue Printing Equipment. Is constructed of hardwood with metal trimmings, and easily knocked down for shipment.

This table is intended to be conveniently located in front of the printing machine, so that the operator may have the tracings within easy reach. It is made four feet by six feet. The table can be provided with two shallow drawers, of as large size as possible, to hold the tracings not being used, while a rack is provided underneath the table together with twelve air-tight metal cans in which to keep the sensitized paper.

No 9108—PEASE TRACING TABLE, complete with 12 metal cans and rack.

Size, 48x72 inches	Each
Drawers, extra	\$

THE PEASE TRACING AND TRIMMING TABLES

The Pease Tracing Table No. 9108 will be furnished, when desired, with motor driven trimming device mounted on left-hand end, as shown in cut on page 55.

No. 9109—TRACING AND TRIMMING TABLE, with motor for direct current.
No. 9110—Same for alternating current.

Size A—For 42-in. paper	Each
Size B—For 54-in. paper	\$
Size C—For 66-in. paper	

See Price List Inside Back Cover

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No. 7721—HA

No. 7722—HA

Everything for Blue Printing

SURE SHOT BLUE PRINT BINDER



This machine which is operated by raising the knob at the top and driving by blow or pressure of the hand, holds 100 heavy wire staples at a charge, and will bind to one-quarter inch any kind of paper or fabric.

Each

No. 1306—SURE SHOT BINDER\$.....

STAPLES



Packed 5,000 in a box, with directions for use printed on the label.

Box

No. 1307—STAPLES. No. X heavy wire, $\frac{1}{4}$ -inch leg\$.....

No. 1308—No. XX heavy wire, $\frac{5}{16}$ -inch leg\$.....

HAND SHEARS



These Shears are especially adapted to trimming blue prints, being very light in weight, with long, thin blades and of an extra selected guaranteed quality. They will hold a smooth, keen cutting edge and permit the shear to be "run" across the paper without catching or choking.

Nickeled blades and japanned handles.

Pair

No. 7721—HAND SHEARS, Right Hand, 14 inches long\$.....

No. 7722—HAND SHEARS, Left Hand, 14 inches long\$.....

See Price List Inside Back Cover

BLUE PRINT PAPERS AND CLOTHS NEGATIVE PAPERS AND CLOTHS

Our coating department is equipped with machines of our own design enabling us to provide papers and cloths of exceptional grade as to color, speed and lasting qualities.

Recent improvements and additions made in our coating department have increased our production considerably; also have helped us to better the quality of our papers and cloths.

You will note on the following pages that we furnish paper in any quality, thickness or width desired. ALL ROLLS ARE GUARANTEED FULL MEASURE AND IN ONE PIECE. Our regular speeds for every required exposure are as follows:

XX-ELECTRIC—Very fast. For slow printing vertical and continuous electric machines.

X-ELECTRIC—Fast printing speed. Suitable only for electric printing. Produces very fine color for high speed paper.

ELECTRIC—Requires about thirty to forty seconds in bright sunlight. It is suitable for electric printing. This speed is recommended for use with our **HIGH POWER UNIVERSAL LAMP**.

RAPID—Requires about one minute exposure in bright sunlight. Best adapted for making blue lines from negatives. Suitable for electric printing where fine color is more desired than speed. Especially fine for map printing.

PLEASE BE SURE TO SPECIFY speed required. In the absence of other instructions, orders will be filled with X-Electric. We recommend either **ELECTRIC** or **RAPID** for printing **BLUE LINES** from negatives.

Non-Fading Blue Print Paper

We claim by actual test that Pease Blue Print Paper is the nearest non-fading paper of any in existence. Our papers are scientifically prepared by an improved process and coated on our modern sensitizing machines. All of our salesmen are prepared to demonstrate this claim for you on your own blue print machine.

Blue Print Department

We do not aim to do commercial blue printing to any large extent as our Peerless Blue Printing Equipments are used by practically every commercial blue printer of any importance in the United States. When a commercial blue printer using a Peerless Equipment is not convenient, we are willing to accommodate our clients by making blue prints, negative prints, blue or brown line prints for them on one of our demonstration machines.

These papers
and are recommended
Has high folding
adapted for map

No. 1122—VERI

Per roll of 10

Per roll of 50

No. 1123—VERI

Per roll of 10

Per roll of 50

These papers
amount of rough
This is a high grade

No. 6152—PURI

Per roll of

Per roll of

Per roll of 10

No. 6153—PURI

Per roll of

Per roll of

Per roll of 10

Everything for Blue Printing

VERI-STRONG BLUE PRINT PAPERS



Reduced Facsimile of Label

These papers are made from chemically pure linen rag stock, especially selected and are recommended for very high-class work. Excellent paper for permanent prints. Has high folding test, exceptionally fine surface and is very durable. Particularly adapted for map work and is the highest grade paper produced.

No. 1122—VERI-STRONG PAPER. Thin.

Width, inches	30	36	42	54
Per roll of 10 yds.	\$	\$	\$	\$
Per roll of 50 yds.	\$	\$	\$	\$

No. 1123—VERI-STRONG PAPER. Thick.

Width, inches	30	36	42	54
Per roll of 10 yds.	\$	\$	\$	\$
Per roll of 50 yds.	\$	\$	\$	\$

PURITAN BLUE PRINT PAPERS

These papers are coated on a very tough pure rag stock and will stand a great amount of rough usage. Recommended for blue line work. Will take water colors. This is a high grade paper at a popular price. Especially good for out-door use.

No. 6152—PURITAN PAPER. Thin.

Width, inches	24	30	36	42	54
Per roll of 10 yds.	\$	\$	\$	\$	\$
Per roll of 50 yds.	\$	\$	\$	\$	\$
Per roll of 100 yds.	\$	\$	\$	\$	\$

No. 6153—PURITAN PAPER. Thick.

Width, inches	24	30	36	42	54
Per roll of 10 yds.	\$	\$	\$	\$	\$
Per roll of 50 yds.	\$	\$	\$	\$	\$
Per roll of 100 yds.	\$	\$	\$	\$	\$

See Price List Inside Back Cover

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The C.F. Pease Company

ROYAL BLUE PRINT PAPERS

GUARANTEED 50% RAG STOCK

These papers are designed for general use, where quality is required at a moderate price. Medium hard surface. Excellent paper for shop and factory use. Will withstand excessive handling and hard usage.

No. 7162—ROYAL PAPER, Thin.

Width, inches	24	30	36	42	54
Per roll of 10 yds.	\$	\$	\$	\$	\$
Per roll of 50 yds.
Per roll of 100 yds.

No. 7162½—ROYAL PAPER, Medium.

Width, inches	24	30	36	42	54
Per roll of 10 yds.	\$	\$	\$	\$	\$
Per roll of 50 yds.
Per roll of 100 yds.

No. 7163—ROYAL PAPER, Thick.

Width, inches	24	30	36	42	54
Per roll of 10 yds.	\$	\$	\$	\$	\$
Per roll of 50 yds.
Per roll of 100 yds.

SUPERIOR BLUE PRINT PAPERS

These papers surpass in quality similar papers usually offered by other manufacturers as their 50% rag stock. Has exceptionally good surface and produces excellent blue prints and white background on blue line prints. Splendid paper for **railroads, highway departments and manufacturers** in general. It is one of the most popular papers sold.

No. 8172—SUPERIOR PAPER, Thin.

Width, inches	24	30	36	42	54
Per roll of 10 yds.	\$	\$	\$	\$	\$
Per roll of 50 yds.
Per roll of 100 yds.

No. 8172½—SUPERIOR PAPER, Medium.

Width, inches	24	30	36	42	54
Per roll of 10 yds.	\$	\$	\$	\$	\$
Per roll of 50 yds.
Per roll of 100 yds.

No. 8173—SUPERIOR PAPER, Thick.

Width, inches	24	30	36	42	54
Per roll of 10 yds.	\$	\$	\$	\$	\$
Per roll of 50 yds.
Per roll of 100 yds.

See Price List Inside Back Cover

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Cannot be surpas
No. 2181—PERF

Per roll of 10
Per roll of 50
No. 2183—PERF

Per roll of 10
Per roll of 50

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No. 3533—ERA
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Everything for Blue Printing

PERFECTION BLUE PRINT CLOTH

This cloth has a national reputation for quality, permanency and uniformity. Cannot be surpassed for map work. Very popular with engineers.

No. 2181—PERFECTION BLUE PRINT CLOTH, Extra Thin.

	Width, inches	30	36	42
Per roll of 10 yds.		\$	\$	\$
Per roll of 50 yds.				

No. 2183—PERFECTION BLUE PRINT CLOTH, Medium.

	Width, inches	30	36	42	54
Per roll of 10 yds.		\$	\$	\$	\$
Per roll of 50 yds.					

PEASE UNIVERSAL REPRODUCTION CLOTH

A simple, practical reproduction cloth which can be used to best advantage on the Pease Peerless Negative Equipment by one continuous process. It can, however, be used on a Pease Peerless or Pease Vertical machine in sheets.

The cost of making prints on Pease Reproduction Cloth is lower than with any other cloth produced. Prints can be made on a Pease Continuous machine with negative attachment at an approximate cost of ten cents per square foot and made at a great saving of time.

Pease Reproduction Cloth is not to be confused with the ordinary negative cloth simply because it is developed in a similar manner as it is a specially prepared cloth which was produced only after years of experimentation.

There is no high priced celluloid surfacing used in Pease Reproduction Cloth, nor are special chemicals, special vacuum frames or special arc lamps needed. The Pease Continuous machine does the entire job. Dampness of any kind will not injure Pease Reproduction Cloth. It will stand up under hard usage which would ruin any other reproduction cloth. Tracings made on it will not crack or chip off as do tracings on cloth which has a celluloid or lacquer surface.

Good reproductions can be made on Pease Reproduction Cloth from pencil tracings if good paper such as Pease Rigel Bond No. 110 or Pease Blue Vellum No. 124 and pencils not harder than Castell 2H are used. To increase the speed of making blue prints on Pease Continuous machines from reproductions Pease Transparentizing Solution should be used.

Ask for samples and further information.

No. 2282—REPRODUCTION CLOTH, Medium Weight.

	Width, inches	30	36	42
Per roll of 10 yds.		\$	\$	\$
Per roll of 25 yds.				
Per roll of 50 yds.				

No. 3533—ERADICATOR SOLUTION

PER SET

Consists of one set of two $\frac{3}{4}$ oz. bottles \$

See Price List Inside Back Cover

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The C.F. Pease Company

BROWN PROCESS PAPERS AND CLOTHS



Reduced Facsimile of Label

For Negative or Brown Prints and Positive Brown Line Prints. Can be used on our continuous electric blue printing machines or in sun frames if desired. Very tough Strathmore stock—medium hard surface and is very durable. Coated to produce a fine brown-black color. Produces distinct white lines and splendid contrasts. Will take water color.

No. 1221—PERFECTION BROWN PROCESS PAPER, Extra Thin.				
	Width, inches	30	36	42
Per roll of 10 yds.		\$	\$	\$
Per roll of 50 yds.				
No. 1222—PERFECTION BROWN PROCESS PAPER, Thin.				
	Width, inches	30	36	42
Per roll of 10 yds.		\$	\$	\$
Per roll of 50 yds.				
No. 1223—PERFECTION BROWN PROCESS PAPER, Medium.				
	Width, inches	30	36	42
Per roll of 10 yds.		\$	\$	\$
Per roll of 50 yds.				

BROWN PROCESS CLOTH

No. 2281—PERFECTION BROWN PROCESS CLOTH, Extra Thin.				
	Width, inches	30	36	42
Per roll of 10 yds.		\$	\$	\$
Per roll of 50 yds.				
No. 2283—PERFECTION BROWN PROCESS CLOTH, Medium.				
	Width, inches	30	36	42
Per roll of 10 yds.		\$	\$	\$
Per roll of 50 yds.				

FIXING SALTS

Used for intensifying and fixing negative and brown line prints.

No. 3535—FIXING SALTS.				
4 oz. cans	\$	8 oz. cans	\$	
1 lb. can	\$			

Fixing and Developing Solution for Blue Prints

A 5% solution of Potassium Bichromate or Sodium Bichromate will give a deeper and more lasting color to Blue Prints.

No. 3513—POTASSIUM BICHROMATE.				
1 lb.	\$	5 lb.	\$	
10 lb.	\$	25 lb.	\$	
100 lb.	\$			
No. 3504—VICTOR OPAKE.				
Per jar, 3/4 oz.	\$	2 1/2 oz.	\$	

See Price List Inside Back Cover

Everything for Blue Printing

PEERLESS DIRECT WHITE PRINT PAPERS

(Sensitized)

For Producing Blue Lines on a White Background Direct from Tracing Without a Negative. The keeping quality of these Direct White Print Papers is much better than blue print paper, although they print at as fast a speed as X-Electric.



Reduced Facsimile of Label

These papers are made especially for us from pure linen rag stock and produce very deep blue lines on a clear white background. This is the paper in most general use for the Pease Direct Blue Line Prints.

No. 5442—PEERLESS DIRECT WHITE PRINT PAPER, Thin.

	Width, inches	30	36	42	54
Per roll of 10 yds.	\$				
Per roll of 25 yds.					
Per roll of 50 yds.					

No. 5443—PEERLESS DIRECT WHITE PRINT PAPER, Medium.

	Width, inches	30	36	42	54
Per roll of 10 yds.	\$				
Per roll of 25 yds.					
Per roll of 50 yds.					

Chemicals for Use in Making Pease Direct White Prints

No. 3525—DEVELOPING CHEMICAL.

5-lb. can	50-lb. can	200-lb. bbls.
\$	\$	\$

No. 3542—CLEARING CHEMICAL, dry, per lb.

No. 3534—ERADICATING SOLUTION, per 2 oz. bottle

No. 3505—SPECIAL BLUE INK, per 3/4-oz. bottle

ERASING FLUID

	Per Bottle
No. 380—WHITE ERASING FLUID. For making alterations on Blue Prints.	\$
No. 381—RED ERASING FLUID. For marking or tinting Blue Prints.	
No. 382—YELLOW ERASING FLUID. For marking or tinting Blue Prints.	
No. 383—BROWN PRINT ERASING FLUID. For making alterations on brown Process Prints.	\$

See Price List Inside Back Cover

The C.F. Pease Company



PEASE DEXTRINE PASTE

Specially compounded for use with Pease Peerless Blue Printing Equipment. When properly mixed and used, will make an instantaneous joint that will not pull apart in passing through washer, or endanger the contact glass by quick cooling when joint passes through printer.

HOW TO USE DEXTRINE

A small quantity (about 6 ounces) is mixed by adding one-half pint of water preferably hot. This is stirred thoroughly until smooth and free from lumps and the smallest amount possible to make a joint is used. One brush full applied close to the edge about three inches wide is sufficient. A small amount of water may be added if paste thickens after standing. A strip of paper wider than the

roll should be laid over the joint so that if the paste oozes out, it will not get on the glass.

	1 1/2 lbs.	5 lbs.	10 lbs.	25 lbs.	50 lbs.	200 lbs. (Bbl.)
No. 3500—Per can	\$	\$	\$	\$	\$	\$

COLD WATER PASTE

This paste was developed especially for use with the Pease Peerless Blue Printing Equipment. It will make a quick and positive joint when properly mixed and used. The joint will not pull apart and will pass through the printing machine very easily.

DIRECTIONS FOR USE

A small quantity, about 3/4 of a pint, is mixed by adding two times the amount of cold water to a total of 3/4 of a pint. This should be thoroughly stirred until all lumps have disappeared and it is absolutely smooth. In applying cold water paste, one brush full should be applied close to the edge of the paper and a strip 3" wide is sufficient. The smallest amount possible to make a positive joint should be used. Pease Cold Water Paste is very adhesive and superior to any glue for joining ends of rolls of sensitized paper.



	1 1/2 lbs.	5 lbs.	10 lbs.	25 lbs.	50 lbs.	200 lbs. (Bbl.)
No. 3501—Per can	\$	\$	\$	\$	\$	\$

See Price List Inside Back Cover



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Put up in 1
1-pint
1-quart
1-gallon
5-gallon can

No. 352
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Put up in 1
1-pint
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5-gallon can

Everything for Blue Printing

TRANSPARENTIZING SOLUTIONS



No. 3520—**PEERLESS TRANSPARENTIZING SOLUTION.** For transparentizing paper drawings and negatives, and renewing old tracings which have become too soiled to give good prints. Does not injure tracings or drawings in the least, and greatly increases the printing speed; in fact, renders paper of any ordinary thickness sufficiently transparent so that prints may be made in about one-fourth the usual time. Is permanent and easily applied with sponge or cloth. Does not interfere with making changes or alterations on tracings.

Requires about a half hour to dry sufficiently to use. Benzine is used for dissolving the chemicals hence the solution cannot be forwarded by parcels post or exported.

Put up in 1-pint, 1-quart, 1-gallon and 5-gallon cans.

1-pint	\$
1-quart	
1-gallon	
5-gallon can, per gallon	

No. 3522—**PERFECTION TRANSPARENTIZING SOLUTION.** For rendering translucent, paper negatives and drawings in order to facilitate printing. Alcohol is used as a solvent for the chemicals and therefore the solution dries very quickly. A single application renders a negative only slightly translucent, but by repeated applications, up to four or five, any desired degree of translucency may be obtained. Although only partially permanent it gives very satisfactory results on account of its flexibility in tone and speed of drying.



Put up in 1-pint, 1-quart, 1-gallon and 5-gallon cans.

1-pint	\$
1-quart	
1-gallon	
5-gallon can, per gallon	

See Price List Inside Back Cover

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The C.F. Pease Company

AIR TIGHT METAL CANS

For Preserving Paper



Made of tin with well fitting covers for keeping cut rolls of prepared blue print and brown process papers dry and dark, and also well adapted for the safe keeping of valuable plans and tracings.

Tin

	No.	2763-T	Diameter, $4\frac{1}{4}$ inches	No.	2764-T	No.	2765-T	No.	2766-T
	Length, inches	31			37		43		59
For 50-yd. roll.	Each.....	\$		\$ \$2.75		\$		\$	

	No.	2768-T	Diameter, $5\frac{1}{4}$ inches	No.	2769-T	No.	2770-T	No.	2771-T
For 100-yd. roll.	Each.....	\$		\$		\$		\$	

HEAVY PASTEBOARD CANS



Made of extra heavy pasteboard with metal screw cap on each end. They are dust-proof, moisture-proof, light-proof; very durable, and excellent for filing drawings, tracings, etc.

	Each
No. 2776—PASTEBOARD CAN, 3½ in. inside diameter, 32 in. long	\$
No. 2777—PASTEBOARD CAN, 3½ in. inside diameter, 37 in. long	\$
No. 2778—PASTEBOARD CAN, 3½ in. inside diameter, 43 in. long	\$

SPRING CLIPS



	Per Doz.
No. 2780— SPRING CLIPS for clamping prints while drying.....	\$.....

GLASS POLISHING POWDER

For cleaning and polishing blue print machine glass. Permits a flawless printing area.

	Each	Doz.
No. 3502—4-oz. Shaker Can	\$	\$
No. 3502—1-lb. Shaker Can		

See Price List Inside Back Cover

Everything for Blue Printing

COATING CHEMICALS

The compounding of the necessary chemicals for sensitizing paper has long been considered a mystery requiring the services of an expert chemist. We have greatly simplified the process by compounding these chemicals in dry form and packing them in air-tight cans. It is only necessary to dissolve the contents of one of these cans in water. The dry compound, if kept according to our instructions will retain its properties indefinitely. One can of the prepared chemical will make sufficient solution to coat sixteen to twenty four fifty-yard rolls of paper.

We prepare coating chemicals in the following speeds, covering every required exposure.



- | | | |
|-----------------------|---|---------|
| No. 3556—XX-ELECTRIC. | Very fast printing speed. Suitable only for electric printing with low power lamps. | Per lb. |
| No. 3555—X-ELECTRIC. | Fast printing speed. Suitable only for electric printing. | |
| No. 3554—ELECTRIC. | Requires about thirty to forty seconds in bright sunlight. Is suitable for electric printing. | |
| No. 3553—RAPID. | Requires about one minute exposure in sunlight. May be used for electric printing with high-power lamps. Best adapted for making blue line prints from negatives. | |

Put Up In Air-Tight Cans, Containing Four to Five Pounds Each.

PEASE LIQUID GLUE

Is very adhesive and is therefore especially adapted for joining the ends of the rolls of sensitized paper. For this purpose it is far superior to paste or any other kind of glue.

Positively do not use this glue in connection with Pease "Peerless" continuous blue printing machines.

	PL.	Qt.	1/2 Gal.	Gal.
No. 3543—Per Can	\$	\$	\$	\$

See Price List Inside Back Cover

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The C.F. Pease Company

UNSENSITIZED BLUE PRINT PAPER

Success in coating depends largely on the paper. Very few paper manufacturers produce a paper suitable for sensitizing. Our connection with several of the leading paper mills enables us to offer high-grade paper suitable for coating purposes, in mill rolls, at very attractive prices. We carry a large stock at all times. Ask for samples.



		Per lb.
No. 8072	—SUPERIOR—Thin	\$
No. 8072½	—SUPERIOR—Medium	\$
No. 8073	—SUPERIOR—Thick	\$
No. 7062	—ROYAL—Thin	\$
No. 7062½	—ROYAL—Medium	\$
No. 7063	—ROYAL—Thick	\$
No. 6052	—PURITAN—Thin	\$
No. 6053	—PURITAN—Thick	\$
No. 1021	—VERI-STRONG—Extra Thin	\$
No. 1022	—VERI-STRONG—Thin	\$
No. 1023	—VERI-STRONG—Thick	\$

Table of weights of uncoated paper in 100-yard rolls

Size, inches	30	36	42	54
Thin	9.5 lbs.	11.5 lbs.	13 lbs.	17 lbs.
Medium	12 lbs.	14 lbs.	16 lbs.	21 lbs.
Thick	14 lbs.	17 lbs.	20 lbs.	25 lbs.
Extra thick	21 lbs.	25 lbs.	29.5 lbs.	36.5 lbs.

See Price List Inside Back Cover

DRAWING, DETAIL, TRACING,
PROFILE, CROSS SECTION
PAPERS AND CLOTHS

FEDERAL AID SHEETS

PROFILE AND
FIELD BOOKS



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The C.F. Pease Company

DRAWING PAPERS IN SHEETS

Whatman's Papers are made with three different surfaces.

H. P. signifies "Hot Pressed," smooth surface, mostly used for pen and ink and fine line drawing.

C. P. signifies "Cold Pressed," fine grained surface, used for general drawing and water color painting.

R. signifies "Rough," coarsely grained surface, used for very bold drawings and sketching.

In ordering please state size and surface wanted—H. P., C.P., or R.

No. 1—WHATMAN'S Drawing Paper. With H. P. or C. P. surface.

	Inches	Quire	Sheet
Cap.	13 $\frac{1}{2}$ x17	\$.....	\$.....
Demy	15 $\frac{1}{2}$ x20	.....	.....
Medium	17 $\frac{1}{2}$ x22	.....	.....
Royal	19 x24	.....	.....
Super Royal	19 x27	.....	.....
Imperial	22 $\frac{1}{2}$ x30 $\frac{1}{2}$	.....	.....
Double Elephant	26 $\frac{3}{4}$ x40	.....	.....
Antiquarian	31 x53	.....	.....

No. 2—WHATMAN'S Drawing Paper. Rough surface

	Inches	Quire	Sheet
Royal	19 x24	.....	.....
Imperial	22 $\frac{1}{2}$ x30 $\frac{1}{2}$	.....	.....
Double Elephant	26 $\frac{3}{4}$ x40	.....	.....

No. 3—WHATMAN'S Drawing Paper. Extra heavy, H. P., C. P. or R. surface.

	Inches	Quire	Sheet
Imperial	22 $\frac{1}{2}$ x30 $\frac{1}{2}$	.....	.....
Double Elephant	26 $\frac{3}{4}$ x40	.....	.....

No. 4—MICHALLET White Charcoal Paper. This paper possesses a very fine charcoal surface and may also be used successfully for water color work.

	Inches	Ream	Quire
.....	19 x25	\$.....	\$.....

Write for Complete Sample Book of Drawing Papers, Tracing Papers
and Tracing Cloths

Drafting and Engineering Supplies

DRAWING PAPERS IN SHEETS

No. 5—**STRATHMORE White Charcoal Paper.** This paper is highly recommended for colleges and schools for charcoal drawings.

	Inches	Ream	Quire
.....	19x25	\$.....	\$.....

No. 6—**AQUARIUS White Drawing Paper.** Highest grade. Will stand folding without breaking. Hard, smooth surface. Excellent for ink and water color work.

	Inches	Quire	Sheet
Royal.....	19x24	\$.....	\$.....
Imperial.....	22x30	.....	.....
Double Elephant.....	27x40	.....	.....

Same paper in rolls, No. 60.

No. 7—**ELECTRA White Drawing Paper.** Rough surface. Made of best linen stock. Excellent for perspective and map drawing. Will take crayon, ink and water color.

	Inches	Quire	Sheet
Royal.....	19x24	\$.....	\$.....
Imperial.....	22x30	.....	.....
Double Elephant.....	27x40	.....	.....

Same paper in rolls, No. 61.

No. 8—**ALCYONE White Drawing Paper.** A strong, white paper of exceptional quality. Moderately priced. Takes ink and color well.

	Inches	Quire	Sheet
Cap.....	14x17	\$.....	\$.....
Demy.....	15x20	.....	.....
Medium.....	17x22	.....	.....
Royal.....	19x24	.....	.....
Imperial.....	22x30	.....	.....
Double Elephant.....	27x40	.....	.....

Same paper in rolls, No. 59.

Write for Complete Sample Book of Drawing Papers, Tracing Papers
and Tracing Cloths

The C.F. Pease Company

DRAWING PAPER IN SHEETS

No. 9—SUPREME White Drawing Paper. A good, medium grade paper for general drawing and preliminary sketching. Good surface for ink or pencil work. This paper is particularly adapted for University, Technical and High School work.

	Inches	Ream	Sheet
Cap	14x17	\$	\$
Demy	15x21	.....	.....
Medium	17x22	.....	.....
Special	18x24	.....	.....
Royal	19x24	.....	.....
Imperial	22x30	.....	.....
Super Royal	24x36	.....	.....
Double Elephant	27x40	.....	.....

Same paper in rolls, No. 58.

No. 10—RIGEL BOND White Sketching Paper. Rough surface. An excellent white paper, being exceptionally tough and strong. Medium weight. Ideally suited for specification and map work. Makes excellent blue-prints.

Inches	Ream	Quire	Inches	Ream	Quire
8½x11	\$	\$	22x30	\$	\$
8½x13	24x36 .....	.....	.....
15 x21	27x40 .....	.....	.....
18 x24			

Same paper in Rolls, No. 110.

No. 11—RIGEL BOND White Sketching Paper. Smooth surface. Same paper as No. 10, but has smooth surface.

Inches	Ream	Quire	Inches	Ream	Quire
8½x11	\$	\$	22x30	\$	\$
8½x13	24x36 .....	.....	.....
15 x21	27x40 .....	.....	.....
18 x24			

Same paper in rolls, No. 140.

No. 13—HYDRUS Cream Drawing Paper. Highest grade cream drawing paper made. Very tough. Can be folded without breaking surface. Fine for water color, crayon and ink work.

	Inches	Ream	Quire
Royal	19x24	\$	\$
Imperial	22x30	.....	.....
Special	24x36	.....	.....
Double Elephant	27x40	.....	.....

Same paper in rolls, No. 65.

Write for Complete Sample Book of Drawing Papers, Tracing Papers
and Tracing Cloths

Drafting and Engineering Supplies

DRAWING PAPER IN SHEETS

No. 14—**NEPTHUNE Cream Drawing Paper.** A high grade cream drawing paper. Slightly grained surface. Moderately priced. The color is very agreeable to the eye and permits considerable handling without soiling. Fine for ink and water color work. Stands erasing well. Highly recommended for college and school use.

	Inches	Ream	Quire
Cap	14x17	\$	\$
Demy	15x21	.....	.....
Medium	17x22	.....	.....
School Special	18x24	.....	.....
Royal	19x24	.....	.....
Imperial	22x30	.....	.....
Special	24x36	.....	.....
Double Elephant	27x40	.....	.....

Same paper in rolls, No. 63

No. 15—**MARS Green Drawing Paper.** This is the same paper in every respect as No. 14, but green in color.

	Inches	Ream	Quire
Cap	14x17	\$	\$
Demy	15x21	.....	.....
Medium	17x22	.....	.....
School Special	18x24	.....	.....
Royal	19x24	.....	.....
Imperial	22x30	.....	.....
Special	24x36	.....	.....
Double Elephant	27x40	.....	.....

Same paper in rolls, No. 64.

Write for Complete Sample Book of Drawing Papers, Tracing Papers
and Tracing Cloths

The C.F. Pease Company

MOUNTED DRAWING PAPERS IN SHEETS

Mounted on Muslin

Unless otherwise specified, the sheets will be furnished with muslin trimmed on all edges. Large sheets for city, county or state maps mounted to order on short notice.

SINGLE MOUNTED DRAWING PAPERS

No. 20—**WHATMAN'S White Drawing Paper. Single mounted on muslin.** When ordering, specify whether hot or cold pressed surface is desired.

	Inches	Sheet
Royal.....	19 x24	\$.....
Imperial.....	22 $\frac{1}{2}$ x30 $\frac{1}{2}$	.....
Double Elephant.....	26 $\frac{3}{4}$ x40	.....
Antiquarian.....	31 x53	.....

No. 21—**ELECTRA White Drawing Paper, Single mounted on muslin.** Same paper as to quality and description as No. 7

	Inches	Sheet
Royal.....	19x24	\$.....
Imperial.....	22x30	.....
Double Elephant.....	27x40	.....
Antiquarian.....	31x53	.....

DOUBLE MOUNTED DRAWING PAPERS

No. 22—**WHATMAN'S Drawing Paper. Double mounted on muslin.** When ordering, specify whether H. P. or C. P. surface is desired. Specially adapted for atlas or map work, having muslin in middle, with paper on both sides.

	Inches	Sheet
Imperial.....	22 $\frac{1}{2}$ x30 $\frac{1}{2}$	\$.....
Double Elephant.....	26 $\frac{3}{4}$ x40	.....

No. 23—**ELECTRA Eggshell Drawing Paper. Pebbled. Double mounted on muslin.** Same as No. 7.

	Inches	Sheet
Imperial.....	22x30	\$.....
Double Elephant.....	27x40	.....

STRATHMO

In ordering

No. 25-A—2 pl
No. 26-A—2 pl
No. 25-B—2 pl
No. 26-B—2 pl
No. 27-A—3 pl
No. 28-A—3 pl
No. 27-B—3 pl
No. 28-B—3 pl
No. 29-A—4 pl
No. 30-A—4 pl
No. 29-B—4 pl
No. 30-B—4 pl
No. 31-A—5 pl
No. 32-A—5 pl
No. 31-B—5 pl
No. 32-B—5 pl

STF

No. 33-A—Illust
No. 33-B—Illust
No. 33-C—Illust

No. 34—PEERL
22x28 inches
22x28 inches

No. 35—STRAT
10x15 inches
10x15 inches

No. 36—STRAT
10x15 inches
10x15 inches

Drafting and Engineering Supplies

BRISTOL BOARDS

STRATHMORE DRAWING BOARDS are made in two surfaces.

A—Smooth—for pen and ink drawing.

B—Medium—for pencil and water color.

In ordering, specify which finish is desired.

	Inches	Per 100	Per Doz.
No. 25-A—2 ply, smooth surface.....	14½x23	\$.....	\$.....
No. 26-A—2 ply, smooth surface.....	23 x29	.....	.....
No. 25-B—2 ply, medium surface.....	14½x23	.....	.....
No. 26-B—2 ply, medium surface.....	23 x29	.....	.....
No. 27-A—3 ply, smooth surface.....	14½x23	.....	.....
No. 28-A—3 ply, smooth surface.....	23 x29	.....	.....
No. 27-B—3 ply, medium surface.....	14½x23	.....	.....
No. 28-B—3 ply, medium surface.....	23 x29	.....	.....
No. 29-A—4 ply, smooth surface.....	14½x23	.....	.....
No. 30-A—4 ply, smooth surface.....	23 x29	.....	.....
No. 29-B—4 ply, medium surface.....	14½x23	.....	.....
No. 30-B—4 ply, medium surface.....	23 x29	.....	.....
No. 31-A—5 ply, smooth surface.....	14½x23	.....	.....
No. 32-A—5 ply, smooth surface.....	23 x29	.....	.....
No. 31-B—5 ply, medium surface.....	14½x23	.....	.....
No. 32-B—5 ply, medium surface.....	23 x29	.....	.....

STRATHMORE ILLUSTRATION BOARDS

	Per Doz.	Per Sheet
No. 33-A—Illustration Board—22½x28½ in., heavy.....	\$.....	\$.....
No. 33-B—Illustration Board—30 x40 in., heavy.....
No. 33-C—Illustration Board—22 x30 in., light.....

No. 34—**PEERLESS Bristol Board**, for pen and ink drawings.

	Thickness	3 Ply	4 Ply	6 Ply	8 Ply
22x28 inches.....	Per Sheet.....	\$.....	\$.....	\$.....	\$.....
22x28 inches.....	Per Dozen.....	.....	.....	.....	.....

No. 35—**STRATHMORE Patent Office Bristol Board—Plain.**

	Per Gross	Per Doz.
10x15 inches, 2 ply.....	\$.....	\$.....
10x15 inches, 3 ply.....

No. 36—**STRATHMORE Patent Office Bristol Board—Printed.**

	Per Gross	Per Doz.
10x15 inches, 2 ply.....	\$.....	\$.....
10x15 inches, 3 ply.....

The C.F. Pease Company

BRISTOL BOARDS

No. 37—REYNOLDS' Bristol Board.	2 Ply	3 Ply	4 Ply
Cap.	12½x15¼ in. per doz.	\$	\$
Demy	14½x18¼ in. per doz.	. . . . .	. . . . .
Medium	16½x20¾ in. per doz.	. . . . .	. . . . .
Royal	18½x22¾ in. per doz.	. . . . .	. . . . .
Imperial	21½x28¾ in. per doz.	. . . . .	. . . . .



No. 38—REYNOLDS' Patent Office Bristol Board—plain.	Inches	Per Gross	Per Doz.
2 ply	10x15	\$	\$
3 ply	10x15	. . . . .	. . . . .

No. 39—REYNOLDS' Patent Office Bristol Board—printed.	Inches	Per Gross	Per Doz.
2 ply	10x15	\$	\$
3 ply	10x15	. . . . .	. . . . .

SOLID SKETCH BLOCKS, PLAIN

	7x10	9x12	10x14	14x20
No. 40—ALCYONE Paper, 24 sheets per block.	\$	\$	\$	\$
No. 41—WHATMAN'S Paper, per block

SOLID SKETCH BLOCKS, BOUND

Leather Back and Corners, Cloth Sides, Pencil Loop.

	7x10	9x12	10x14	14x20
No. 42—ALCYONE Paper, 24 sheets per block.	\$	\$	\$	\$
No. 43—WHATMAN'S Paper, per block

PORTFOLIOS



No. 44

No. 44—PORTFOLIO. Paper Sides, Cloth Back and Corners.					
Sizes	12x16	14x18	17x22	20x26	23x31
Each	\$	\$	\$	\$	\$

No. 45—PORTFOLIO. Cloth Sides, Leather Back and Corners.					
Sizes	12x16	14x18	17x22	20x26	23x31
Each	\$	\$	\$	\$	\$

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No. 49—Manila pap
Per roll of

TAURUS D
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No. 52-A—TAU
In rolls of 100

Per roll of 100

Per roll of 50

No. 52-B—TAU
In rolls of 100

Per roll of 100

Per roll of 50

No. 52-C—TAU
In rolls of 100

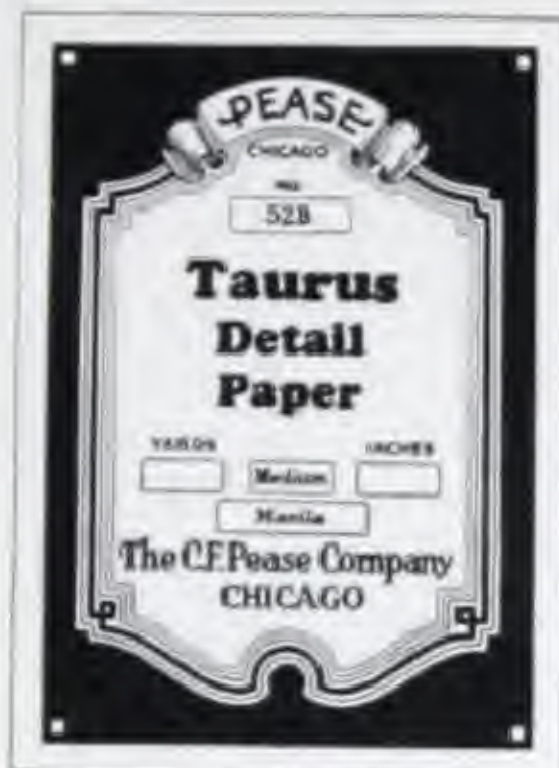
Per roll of 100

Per roll of 50

Write for Com

Drafting and Engineering Supplies

MANILA AND DETAIL PAPERS IN ROLLS



(Reduced Facsimile of Labels)

The Manila and Detail Papers listed below are ideally adapted for layout and preliminary work. Full reliance may be placed upon the various papers as described.

Smooth Manila Papers are used extensively by pattern makers and glass workers for stencils and patterns. Can also be used for detail drawings, but will not permit much erasing. Made in three thicknesses—(X) Medium, (XX) Thick, and (XXX) Extra Thick.

				Per Lb.
In rolls of about 75-100 lbs.				\$
	Width, inches	36	42	48
No. 47—Manila paper smooth (X), medium.				
Per roll of 50 yds.	\$	\$	\$	
No. 48—Manila paper, smooth (XX), thick.				
Per roll of 50 yds.	\$	\$	\$	
No. 49—Manila paper, smooth (XXX), extra thick.				
Per roll of 50 yds.	\$	\$	\$	

TAURUS Detail Paper—Light manila color, slightly grained surface, made of selected stock. Suitable for ink and pencil work. Satisfactory erasing qualities.

No. 52-A—TAURUS Detail Paper, thin.

In rolls of 100 to 120 lbs. Per lb.				\$
	Width, inches	36	42	48
Per roll of 100 yards.	\$	\$	\$	
Per roll of 50 yards.	\$	\$	\$	

No. 52-B—TAURUS Detail Paper, medium.

In rolls of 100 to 120 lbs. Per lb.				\$
	Width, inches	36	42	48
Per roll of 100 yards.	\$	\$	\$	
Per roll of 50 yards.	\$	\$	\$	

No. 52-C—TAURUS Detail Paper, thick.

In rolls of 100 to 120 lbs. Per lb.				\$
	Width, inches	36	42	48
Per roll of 100 yards.	\$	\$	\$	
Per roll of 50 yards.	\$	\$	\$	

Write for Complete Sample Book of Drawing Papers, Tracing Papers and Tracing Cloths

The C.F. Pease Company

DETAIL PAPERS



Reduced Facsimile of Labels

VEGA Detail Paper—Buff Color. Manufactured especially for discriminating users of high grade detail paper. Particularly adapted for ink and pencil work. Slightly grained surface. Due to its color, will withstand considerable usage without soiling.

No. 56-A—VEGA Detail Paper, thin.

In rolls of 100 to 120 lbs. Per lb.				\$
	Width, inches	36	42	48
Per roll of 100 yds.	\$	\$	\$	
Per roll of 50 yds.				

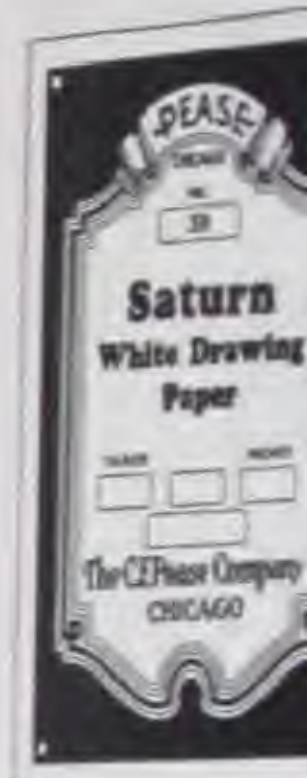
No. 56-B—VEGA Detail Paper, medium.

In rolls of 100 to 120 lbs. Per lb.				\$
	Width, inches	36	42	48
Per roll of 100 yards	\$	\$	\$	
Per roll of 50 yards				

No. 56-C—VEGA Detail Paper, thick.

In rolls of 100 to 120 lbs. Per lb.				\$
	Width, inches	36	42	48
Per roll of 100 yards	\$	\$	\$	
Per roll of 50 yards				

Write for Complete Sample Book of Drawing Papers, Tracing Papers and Tracing Cloths



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Write for Com

Drafting and Engineering Supplies



DRAWING PAPERS IN ROLLS

(Reduced Facsimile of Labels)

The Drawing Papers listed here, we believe, represent an assortment extensive enough to include every requirement of the drafting room.

In order to facilitate the selection of the proper paper, we have listed a brief explanation and description of each paper, outlining its respective qualities.

All our drawing papers are manufactured solely for us by specially equipped paper mills and are made of carefully selected raw materials. Therefore, we are certain of maintaining the uniformity of both the surface and thickness of our various papers and full reliance may be placed upon the description of the properties possessed by them.

No. 58—SUPREME White Drawing Paper. A very satisfactory medium grade paper. Popularly priced. For general drawing and preliminary sketching. Has a good surface for ink or pencil work. Extensively used by universities, technical schools and high schools.

In rolls of about 40 lbs. Per lb.				\$
	Width, inches	30	36	42
Per roll of 50 yards		\$	\$	\$
Per roll of 10 yards				
Same paper in sheets, No. 9.				

No. 59—SATURN White Drawing Paper. A strong paper of exceptional quality. Medium thickness. Smooth surface. Very tough. Suitable for fine line drawings. Takes ink and color exceptionally well.

In rolls of about 40 lbs. Per lb.				\$
	Width, inches	36	42	62
Per roll of 25 yards		\$	\$	\$
Per roll of 10 yards				
Same paper in sheets, No. 8.				

No. 60—ELECTRA Eggshell White Drawing Paper. Smooth surface. Highest grade. Made of specially selected pure linen stock. Very durable. Can be folded without breaking. The ideal paper for perspective and map drawings. Unsurpassed for ink, crayon and water color work.

In rolls of about 50 lbs. Per lb.				\$
	Width, inches	36	42	60
Per roll of 25 yards		\$	\$	\$
Per roll of 10 yards				
Per yard				
Same paper in sheets, No. 6.				

Write for Complete Sample Book of Drawing Papers, Tracing Papers and Tracing Cloths

The C.F. Pease Company



DRAWING PAPER IN ROLLS

(Reduced Facsimile of Labels)



No. 61—ELECTRA Eggshell White Drawing Paper. Rough surface. For full description, see No. 60.

In rolls of about 50 lbs. Per lb.				\$
	Width, inches	30	42	
Per roll of 25 yards		\$	\$	
Per roll of 10 yards				
Per yard				
Same paper in sheets, No. 7.				

No. 63—NEPTHUNE Cream Drawing Paper. A high grade paper. Slightly grained surface. Moderately priced. Excellent for preliminary drawing. Stands erasing well. Highly recommended for college and school use.

In rolls of about 50 lbs. Per lb.				\$	
	Width, inches	30	36	42	62
Per roll of 50 yards.	\$	\$	\$	\$	
Per roll of 25 yards.					
Per roll of 10 yards.					
Same paper in sheets, No. 14.					

No. 64—MARS Green Drawing Paper. Same high grade paper as our No. 63, but of light green color, which is very restful to the eye.

In rolls of about 50 lbs. Per lb.				\$
	Width, inches	30	36	42
Per roll of 50 yards		\$	\$	\$
Per roll of 25 yards				
Per roll of 10 yards				
Can be furnished in all size sheets.				

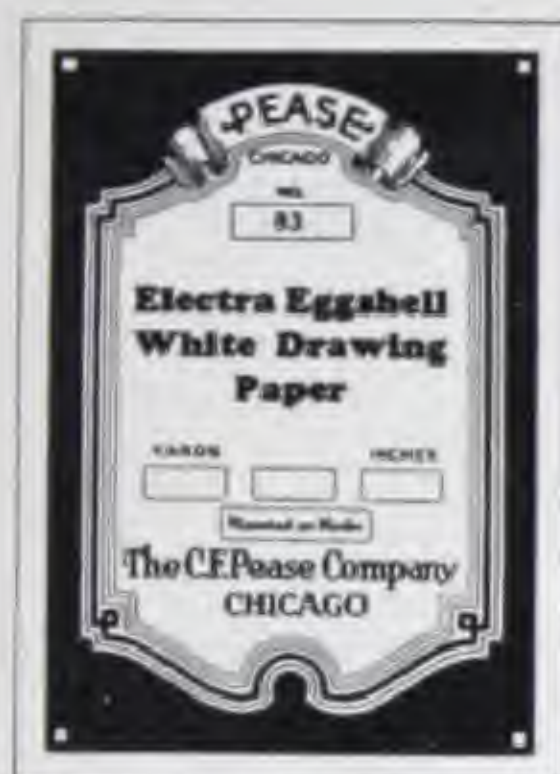
No. 65—HYDRUS Cream Drawing Paper. Highest grade paper of its kind. Made of pure selected rag stock. Very tough and durable. Can be folded without breaking. Same paper mounted on muslin No. 85.

In rolls of about 50 lbs. Per lb.				\$	
	Width, inches	30	36	42	62
Per roll of 50 yards		\$	\$	\$	\$
Per roll of 25 yards					
Per roll of 10 yards					
Same paper in sheets, No. 13.					

Write for Complete Sample Book of Drawing Papers, Tracing Papers
and Tracing Cloths

Drafting and Engineering Supplies

MOUNTED DRAWING PAPERS IN ROLLS



Mounted on Muslin

(Reduced Facsimile of Labels)



No. 83—ELECTRA Eggshell White Drawing Paper. Smooth surface.
Mounted on muslin. Same paper as No. 60.

	Width, inches	36	42	60
Per roll of 10 yards		\$.....	\$.....	\$.....
Per yard				

No. 84—ELECTRA Eggshell White Drawing Paper. Rough surface.
Mounted on muslin. Same paper as No. 61.

	Width, inches	36	42
Per roll of 10 yards		\$.....	\$.....
Per yard			

No. 85—HYDRUS Cream Drawing Paper. Mounted on muslin.
Same paper as No. 65.

	Width, inches	36	42	62
Per roll of 10 yards		\$.....	\$.....	\$.....
Per yard				

Write for Complete Sample Book of Drawing Papers, Tracing Papers
and Tracing Cloths

TRACING CLOTHS GOLD LABEL TRACING CLOTH



Pease Gold Label Tracing Cloth is entirely an American product, uniform in texture and transparency. Has very satisfactory erasive qualities and is free from pinholes. Has our unqualified guarantee. It will compete favorably with any other cloth of domestic or foreign make and its reasonable price recommends it for general use.

No. 91—**GOLD LABEL** Tracing Cloth, in rolls of 24 yards, one side glazed, the other dull.

	Width, inches	30	36	42
Per roll		\$	\$	\$
Per yard				

PEERLESS TRACING CLOTH

No. 90—**PEERLESS** Tracing Cloth, in rolls of 24 yards, one side glazed the other dull. Excellent transparency, free from pinholes and stands erasing.

	Width, inches	30	36	42
Per roll		\$	\$	\$
Per yard				

IMPERIAL TRACING CLOTH



No. 92—**IMPERIAL** Tracing Cloth, in rolls of 24 yards, one side glazed, the other dull.

	Width, inches	24	30	36	38	42	48	54
Per roll		\$	\$	\$	\$	\$	\$	\$
Per yard								

GOLD LABEL PENCIL CLOTH

No. 93—**GOLD LABEL** Pencil Cloth, in rolls of 24 yards. A white, very strong cloth, the texture of which is such that the surface is highly adapted for pencil work. Good blue prints can be obtained from pencil tracings on this cloth.

	Width, inches	30	36	42
Per roll		\$	\$	\$
Per yard				

Write for Complete Sample Book of Tracing Cloths, Tracing Papers
and Drawing Papers

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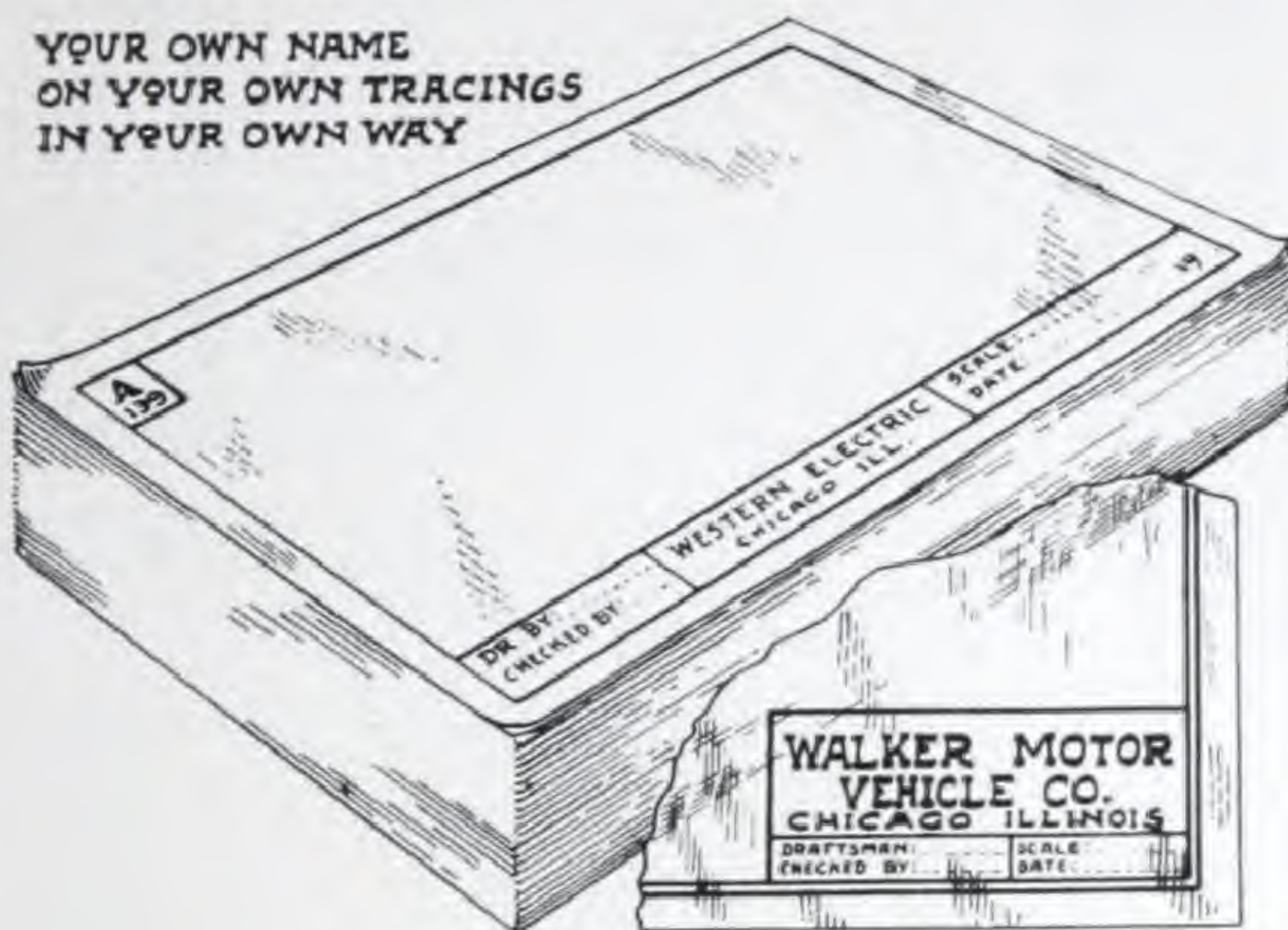
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Write for Co

Drafting and Engineering Supplies

TRACING CLOTH—PRINTED SHEETS

YOUR OWN NAME
ON YOUR OWN TRACINGS
IN YOUR OWN WAY



We are specially equipped to handle the printing of border lines, titles, etc., on either tracing cloths or tracing papers.

Pease Peerless Tracing Cloth Ink is used for this purpose. It is unexcelled for density as well as adherence to the surface of either tracing cloths or papers.

It is impossible for us to show list prices for printed sheets of tracing cloths and papers, due to the individual ideas and requirements of the trade.

However, we will submit, upon request, estimates for supplying printed sheets of any of the Tracing Cloths or Papers listed in this catalog—pages 82, 85, 86, 87, 88.

Write for Complete Sample Book of Tracing Cloths, Tracing Papers
and Drawing Papers

The C.F. Pease Company

TRACING CLOTH PREPARATIONS

Ink wash for Removing Black Drawing Ink from Tracing Cloth

This wash does not injure the cloth and gives good results where the surface of the cloth has not been injured.

No. 96—INKWASH. Each 1 Oz. 4 Oz.
\$. . . \$. . .



OPAQUE STAMP PAD INK AND PADS

With this ink, titles and cards can be applied to Tracing Cloth from rubber stamps, the lettering showing clearly on Blue Prints made from the tracing.

No. 97—PEERLESS Opaque Stamp Pad Ink.
2-ounce bottles. Each \$. . .
4-ounce bottles. Each \$. . .

No. 98—PEERLESS Opaque Ink Stamp Pads.
2x3 inches. Per pair \$. . .
3x4 inches. Per pair \$. . .
4x7 inches. Per pair \$. . .

TRACING CLOTH POWDER

To be rubbed evenly over the cloth with a piece of flannel and then removed, in order to make the cloth take ink more readily.

No. 99—TRACING CLOTH POWDER, in tin shakers.

Each \$. . .
Dozen \$. . .



INK FOR PRINTING ON TRACING CLOTH

PEERLESS Tracing Cloth Ink. This ink is made especially for this purpose, being exceedingly opaque, and will withstand when dry, the action of gasoline. Tracing Cloth printed with this ink can be cleaned with gasoline without erasing the line, and the ink will not flake off.

No. 100—PEERLESS Tracing Cloth Ink.
4-ounce tubes Each \$. . .
1-pound cans \$. . .



No. 102—DIANA tracing

Per roll of 20

No. 103—MANILA Modera

Per roll of 10

No. 104—CAPEL ularly a

Per roll of 50

No. 108—APOLL Adapted

Per roll of 20

No. 109—IDEAL Very str

Per roll of 20

No. 110—RIGEL Uniform pencil w See No.

Per roll of 50 Same paper in

No. 114—ARGO Uniform

Per roll of 20

No. 115—METEC Glazed

Per roll of 20

Write for C

Drafting and Engineering Supplies

TRACING PAPER IN ROLLS



Our selection of Tracing Papers has been made after carefully considering the requirements of the drafting profession. We are outlining briefly, the various properties of each paper listed herein, which should be of considerable aid in making the selection of the proper paper. Whenever possible, kindly make selection from our Sample Book.



No. 102—**DIANA Tracing Paper.** Very thin and transparent. Ideally suited for tracing from blue prints.

Width, inches	36	42	57
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Per roll of 20 yards	\$	\$	\$
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No. 103—**MANILA Detail Tracing Paper.** Light weight. For detail or tracing work. Moderate price. For pencil work only.

Width, inches	36	42	48
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Per roll of 100 yards	\$	\$	\$
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No. 104—**CAPELLA Tracing Paper.** Very transparent. Takes ink perfectly. Particularly adapted for tracing from blue prints. Moderately priced.

Width, inches	36	42
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Per roll of 50 yards	\$	\$
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No. 108—**APOLLO Tracing Paper.** White, Medium weight. Unglazed surface. Adapted for tracing indistinct drawings, blue prints, etc.

Width, inches	42
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Per roll of 20 yards	\$
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No. 109—**IDEAL White Tracing Paper.** Excellent for tracing and detail sketches. Very strong, medium surface. Erases well.

Width, inches	36	42
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Per roll of 20 yards	\$	\$
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No. 110—**RIGEL BOND Tracing Paper.** (Rough surface) High grade bond stock. Uniform white texture. Has great strength and is unsurpassed for ink or pencil work. Will make excellent blue prints. Suitable for permanent records. See No. 140 for same paper with smooth surface.

Width, inches	30	36	42
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Per roll of 50 yards	\$	\$	\$
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Same paper in sheets, No. 10.

No. 114—**ARGO Tracing Paper.** A moderately priced paper. Smooth surface. Uniform texture. Erases well. For ink or pencil use.

Width, inches	36	42
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Per roll of 20 yards	\$	\$
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No. 115—**METEOR Tracing Paper.** Excellent transparency. For ink or pencil work. Glazed surface.

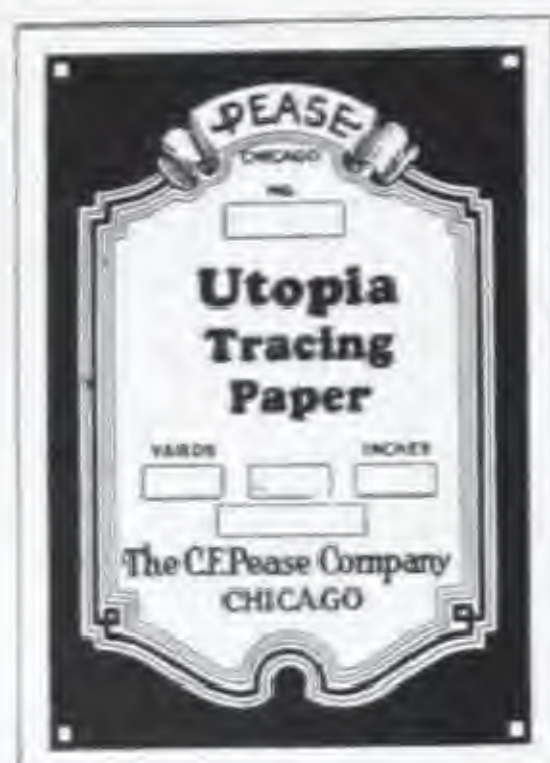
Width, inches	42
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Per roll of 20 yards	\$
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Write for Complete Sample Book of Tracing Papers, Tracing Cloths and Drawing Papers

The C.F. Pease Company

TRACING PAPER IN ROLLS



(Reduced Facsimile of Labels)



No. 117—**FRANKLIN Sketching Paper.** A pearl white paper. Moderate transparency. Medium weight. Excellent for machine drawings. Will stand considerable handling.

	Width, inches	36	42
Per roll of 20 yards	\$		\$
Per roll of 50 yards			

No. 118A—**UTOPIA (thin) Tracing Paper.** A pure white bond paper embodying all essential qualities—erasing, transparency and durability. For ink or pencil.

	Width, inches	36	42
Per roll of 20 yards	\$		\$
Per roll of 50 yards			

No. 119—**ARCTURUS (medium thick) Tracing Paper.** Bluish tint, smooth surface. Strong and transparent. Takes ink, pencil and colors without shrinking or buckling. Good erasing qualities.

	Width, inches	42
Per roll of 20 yards	\$	

No. 120—**CARDINELL Vellum Tracing Paper.** Most popular vellum on the market. A very good substitute for tracing cloth. Suitable for ink, water color or pencil work. Will not buckle. Makes excellent blue prints. Packed in strong paper tubes or wrappers.

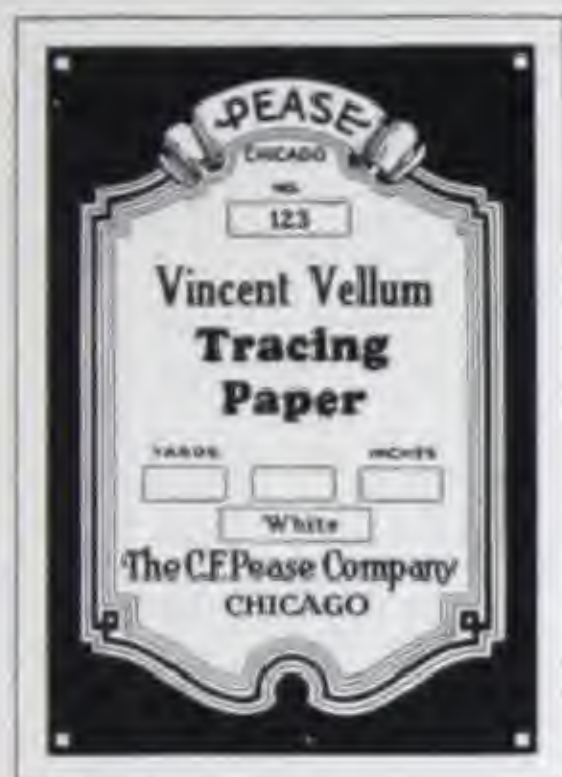
	Width, inches	30	36	42
Per roll of 20 yards, in tubes	\$		\$	\$
Per roll of 20 yards, in wrappers				
Per roll of 100 yards, in wrappers				

No. 120—**CARDINELL Vellum Tracing Paper, in sheets.**

Size, Inches	Per 1,000 Sheets	Size, Inches	Per 1,000 Sheets
7 x 9	\$	15x20	\$
8½x11		18x24	
9 x12		20x30	
12 x15		24x36	
12 x18		30x42	

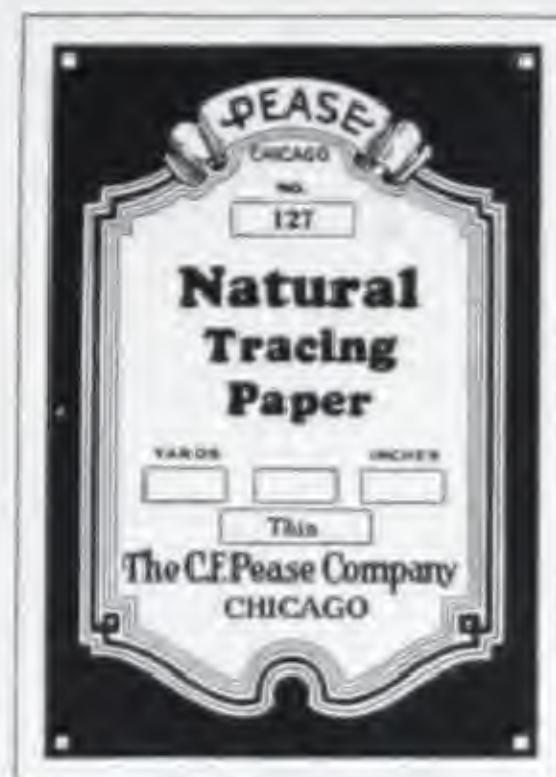
Write for Complete Sample Book of Tracing Papers, Tracing Cloths and Drawing Papers

Drafting and Engineering Supplies



TRACING PAPER IN ROLLS

(Reduced Facsimile of Labels)



No. 121—**VELMID Tracing Paper.** Has exceptional strength and transparency. Erases well. Moderately priced.

	Width, inches	36	42
Per roll of 20 yards, in wrappers	\$		\$

No. 121A—**EXELVELL Tracing Paper.** Excellent for tracing from prints. Very transparent and durable. Will not become brittle with age.

	Width, inches	36	42
Per roll of 20 yards	\$		\$

No. 123—**VINCENT Tracing Paper.** High grade prepared tracing paper. Very transparent. For ink, pencil or water color work. Packed in strong paper tubes or wrappers.

	Width, inches	30	36	42
Per roll of 20 yards, in tubes	\$		\$	\$
Per roll of 20 yards, in wrappers				

No. 124—**VELTEX Blue Tint Tracing Paper.** Exceptionally transparent. Clear, uniform texture. Packed in strong paper tubes or wrappers. Highly recommended for reproduction process.

	Width, inches	36	42
Per roll of 20 yards, in tubes	\$		\$
Per roll of 20 yards, in wrappers			

No. 126—**HEVIVELL Vellum Tracing Paper.** Very strong. Extra heavy. Highly transparent. Erases well.

	Width, inches	36
Per roll of 20 yards, in wrapper	\$	

No. 127—**NATURAL Tracing Paper,** (Imported) thin, white, unglazed. Very strong. Good transparency. Slightly grained surface. Recommended for pen and pencil drawings. Will not become brittle.

	Width, inches	36	42
Per roll of 20 yards	\$		\$
Per roll of 50 yards			

No. 128—**JUNO Tracing Paper.** Inexpensive. Very transparent. Smooth, glossy finish. Extensively used by stone masons and cutters.

	Width, inches	42
Per roll of 20 yards	\$	

Write for Complete Sample Book of Tracing Papers, Tracing Cloths and Drawing Papers

The C.F. Pease Company



TRACING PAPERS IN ROLLS

(Reduced Facsimile of Labels)



No. 129T—VELLUX (thin) Tracing Paper. Will not discolor or deteriorate with age. Odorless and very transparent.

	Width, inches	30	36	42
Per roll of 20 yards, in tubes	\$			
Per roll of 20 yards, in wrappers				

No. 129M—VELLUX Medium Tracing Paper. Same stock as 129T but heavier. A substitute for tracing cloth. Very durable for permanent records.

	Width, inches	30	36	42
Per roll of 20 yards, in tubes	\$			
Per roll of 20 yards, in wrappers				

No. 131—ATLAS Tracing Paper. Very transparent. Excellent for preliminary drawings. Suitable for ink or pencil work.

	Width, inches	42
Per roll of 20 yards	\$	

No. 132—AZURVELL Tracing Paper. Imported. A real substitute for tracing cloth. Absolutely the toughest vellum on the market. Will not fade or become brittle. Excellent for reproductions. Bluish tint.

	Width, inches	36	42
Per roll of 20 yards	\$		

No. 134—ANTILLA Tracing Paper. For architects requiring a tough transparent white paper for large detail drawings. Slightly grained. Will show pencil marks distinctly. Good blue prints can be obtained from pencil drawings on this paper.

	Width, inches	42	57
Per roll of 44 yards	\$		

No. 135—ROYAL Tracing Paper. All linen rag stock. A natural tracing paper. Excellent for tracing and detail sketches that require a great deal of handling.

	Width, inches	42	57
Per roll of 20 yards	\$		
Per roll of 44 yards			

No. 140—RIGEL BOND Tracing Paper. Smooth surface. Same paper as No. 110, but with smooth surface.

	Width, inches	30	36	42
Per roll of 50 yards	\$			

Same paper in sheets, No. 11.

Write for Complete Sample Book of Tracing Papers, Tracing Cloths
and Drawing Papers

ADHESIVE BINDING TAPES



No. 144



No. 146

CROWELL'S ADHESIVE TAPE consists of a strip of good quality cloth, coated on one side with an adhesive glue compound. It is unequalled for stretching drawing paper, holding tracing sheets, and for binding and mending drawings, blue prints, etc.

Put up in a box, so constructed as to preserve it from atmospheric and other deteriorating effects.

No. 144—**CROWELL'S Adhesive Tape**, White, $\frac{3}{4}$ -in. wide; per box of 50 ft. \$

No. 145—**Hall's Adhesive Tape**, in 10-yd. rolls; made in White, Blue, Red or Black; per roll \$

FRENCH TRANSPARENT GUMMED PAPER

Will not blur or blot when written over and is perfectly transparent. Very useful for repairing drawings, blue prints, etc.

No. 146—**FRENCH Transparent Tape**, on reels containing 6 yds. Per doz. \$

The C.F. Pease Company

PEERLESS PROFILE PAPERS AND CLOTHS In Continuous Rolls

Our profile and cross section papers are printed from engraved rollers on superior quality of paper made expressly for the purpose, and are unexcelled for distinctness, accuracy and uniformity.

Printed in orange and green, except as specified.



Plate A. 4x20 to 1 inch

		Roll	Yard
No. 150	—Green, on drawing paper, engraving 20 in. wide, 50-yd. rolls	\$ 1.00	\$ 1.00
No. 150	—Orange, on drawing paper, engraving 20 in. wide, 50-yd. rolls	\$ 1.00	\$ 1.00
No. 151	—Green, on drawing paper, engraving 10 in. wide, 50-yd. rolls	\$ 1.00	\$ 1.00
No. 151	—Orange, on drawing paper, engraving 10 in. wide, 50-yd. rolls	\$ 1.00	\$ 1.00
No. 152	—Green, mounted on muslin, engraving 20 in. wide, 20-yd. rolls	\$ 1.00	\$ 1.00
No. 152	—Orange, mounted on muslin, engraving 20 in. wide, 20-yd. rolls	\$ 1.00	\$ 1.00
No. 154	—Orange, on tracing paper, engraving 20 in. wide, 50-yd. rolls	\$ 1.00	\$ 1.00
No. 155	—Orange, on tracing paper, engraving 10 in. wide, 50-yd. rolls	\$ 1.00	\$ 1.00
No. 156	—Orange, on tracing cloth, engraving 20 in. wide, 20-yd. rolls	\$ 1.00	\$ 1.00
No. 156 1/2	—Orange, on tracing cloth, engraving 10 in. wide, 20-yd. rolls	\$ 1.00	\$ 1.00
No. 157	—Green, on drawing cloth, engraving 20 in. wide, 20-yd. rolls	\$ 1.00	\$ 1.00
No. 157	—Orange, on drawing cloth, engraving 20 in. wide, 20-yd. rolls	\$ 1.00	\$ 1.00

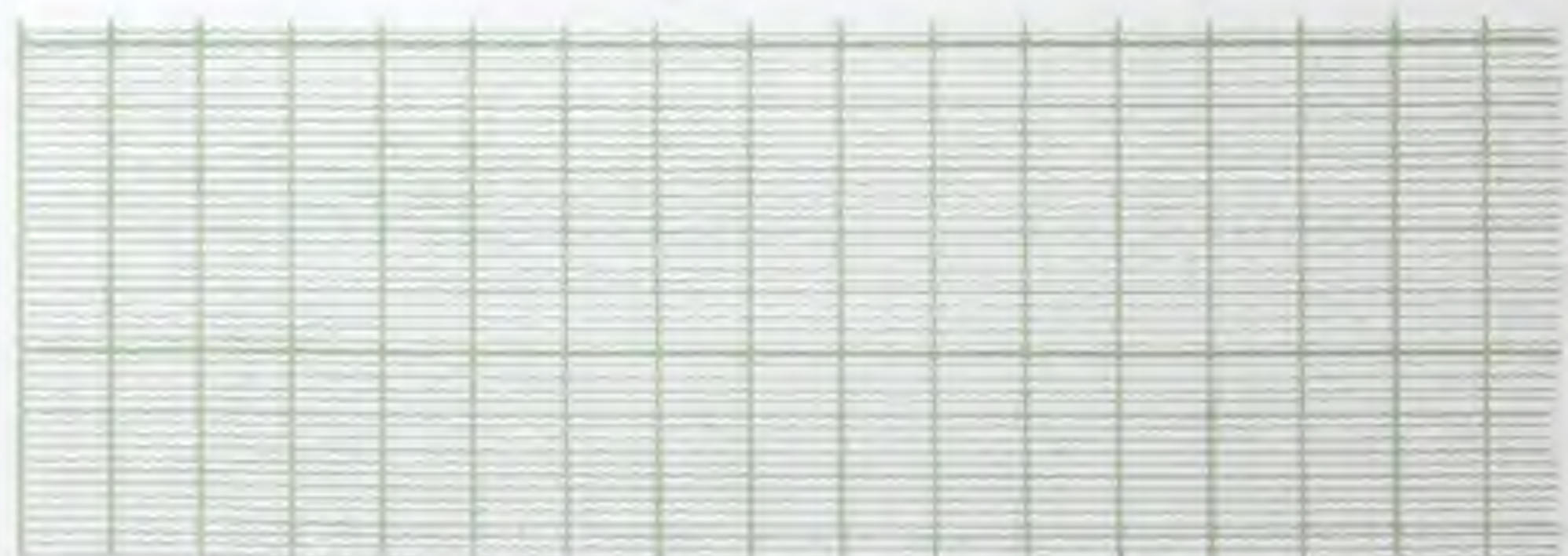


Plate B. 4x30 to 1 inch

		Roll	Yard
No. 160	—Green, on drawing paper, engraving 20 in. wide, 50-yd. rolls	\$ 1.00	\$ 1.00
No. 160	—Orange, on drawing paper, engraving 20 in. wide, 50-yd. rolls	\$ 1.00	\$ 1.00
No. 161	—Green, on drawing paper, engraving 9 in. wide, 50-yd. rolls	\$ 1.00	\$ 1.00
No. 161	—Orange, on drawing paper, engraving 9 in. wide, 50-yd. rolls	\$ 1.00	\$ 1.00
No. 162	—Green, mounted on muslin, engraving 20 in. wide, 20-yd. rolls	\$ 1.00	\$ 1.00
No. 162	—Orange, mounted on muslin, engraving 20 in. wide, 20-yd. rolls	\$ 1.00	\$ 1.00
No. 164	—Orange, on tracing paper, engraving 20 in. wide, 50-yd. rolls	\$ 1.00	\$ 1.00
No. 165	—Orange, on tracing paper, engraving 9 in. wide, 50-yd. rolls	\$ 1.00	\$ 1.00
No. 166	—Orange, on tracing cloth, engraving 20 in. wide, 20-yd. rolls	\$ 1.00	\$ 1.00
No. 167	—Green, on drawing cloth, engraving 20 in. wide, 20-yd. rolls	\$ 1.00	\$ 1.00
No. 167	—Orange, on drawing cloth, engraving 20 in. wide, 20-yd. rolls	\$ 1.00	\$ 1.00

Samples of Profile Papers and Cloths Mailed on Request

PEERLESS
In C

In Profile
half the width
difficult cuts o
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No. 168A—Gr
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No. 168B—Or
in.

No. 168C—Or
in.

No. 168D—Or
in.

No. 169A—Gr
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No. 169B—Or
in.

No. 169C—Or
in.

No. 169D—Or
in.

Sam

Drafting and Engineering Supplies

PEERLESS PROFILE-PLAN PAPERS AND CLOTHS

In Continuous Rolls—Width of Paper, 22 Inches



In Profile Plan Paper, the profile-ruling with its margin is but half the width of the paper, the other half being left blank for sketching difficult cuts or fills, embankments, excavations, etc., and for explanatory notes, so that they are connected for ready reference.

Plate A. 4x20 to the inch

	Roll	Yard
No. 168A—Green, on drawing paper, engraving 10 in. wide, 50 yd. rolls	\$.....	\$.....
No. 168B—Orange, on drawing paper, engraving 10 in. wide, 50 yd. rolls
No. 168C—Orange, on tracing paper, engraving 10 in. wide, 50 yd. rolls
No. 168D—Orange, on tracing cloth, engraving 10 in. wide, 20 yd. rolls

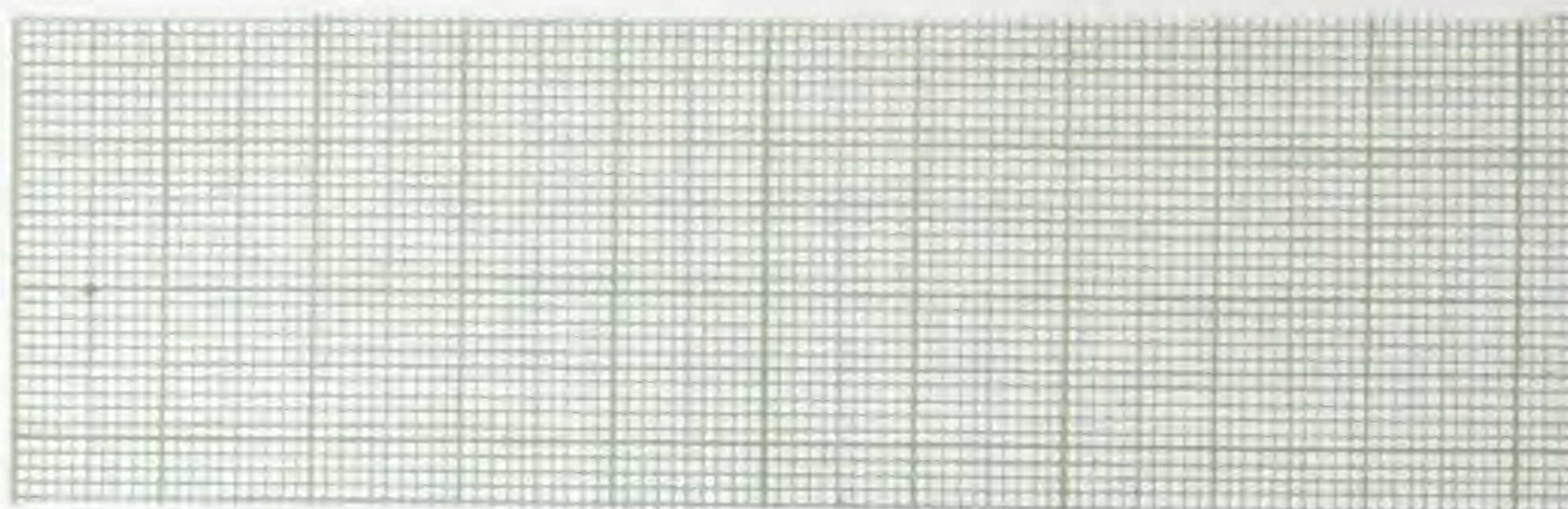
Plate B. 4x30 to the inch

	Roll	Yard
No. 169A—Green, on drawing paper, engraving 9 in. wide, 50 yd. rolls	\$.....	\$.....
No. 169B—Orange, on drawing paper, engraving 9 in. wide, 50 yd. rolls
No. 169C—Orange, on tracing paper, engraving 9 in. wide, 50 yd. rolls
No. 169D—Orange, on tracing cloth, engraving 9 in. wide, 20 yd. rolls

Samples of Profile Papers and Cloths Mailed on Request

The C.F. Pease Company

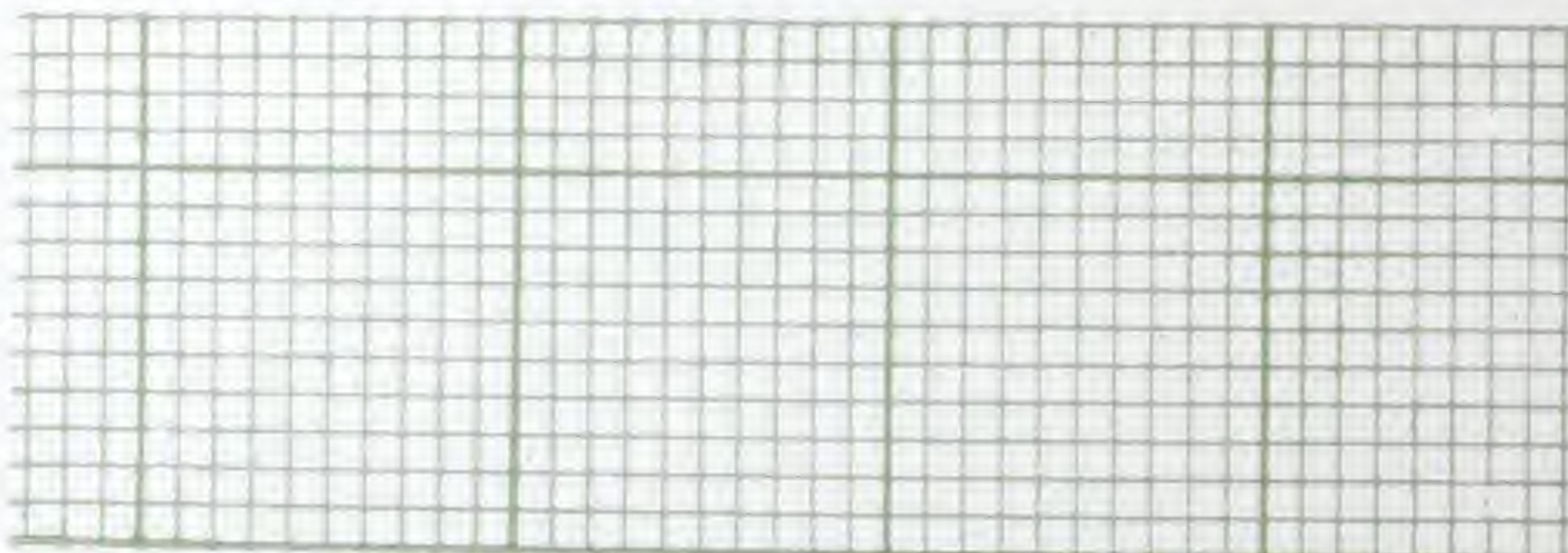
PEERLESS CROSS SECTION PAPERS AND CLOTHS In Sheets and in Continuous Rolls



Millimeters

Metric in Millimeters, with each fifth millimeter, each centimeter, and each decimeter proportionately heavier than the millimeters.

Rolls		Roll	Yard
No. 170—Green, on drawing paper, engraving 50 c. m. wide, 50-yd. rolls.		\$.....	\$.....
No. 170—Orange, on drawing paper, engraving 50 c. m. wide, 50-yd. rolls.	
No. 171—Green, mounted on muslin, engraving 50 c. m. wide, 20-yd. rolls.	
No. 171—Orange, mounted on muslin, engraving 50 c. m. wide, 20-yd. rolls.	
No. 174—Orange, on tracing paper, engraving 50 c. m. wide, 50-yd. rolls.	
No. 175—Orange, on tracing cloth, engraving 50 c. m. wide, 20-yd. rolls.	
Sheets		Quire	Sheet
No. 177—Green, on drawing paper, engraving 40x50 c. m. wide.		\$.....	\$.....
No. 178—Orange, on tracing paper, engraving 40x50 c. m. wide.	



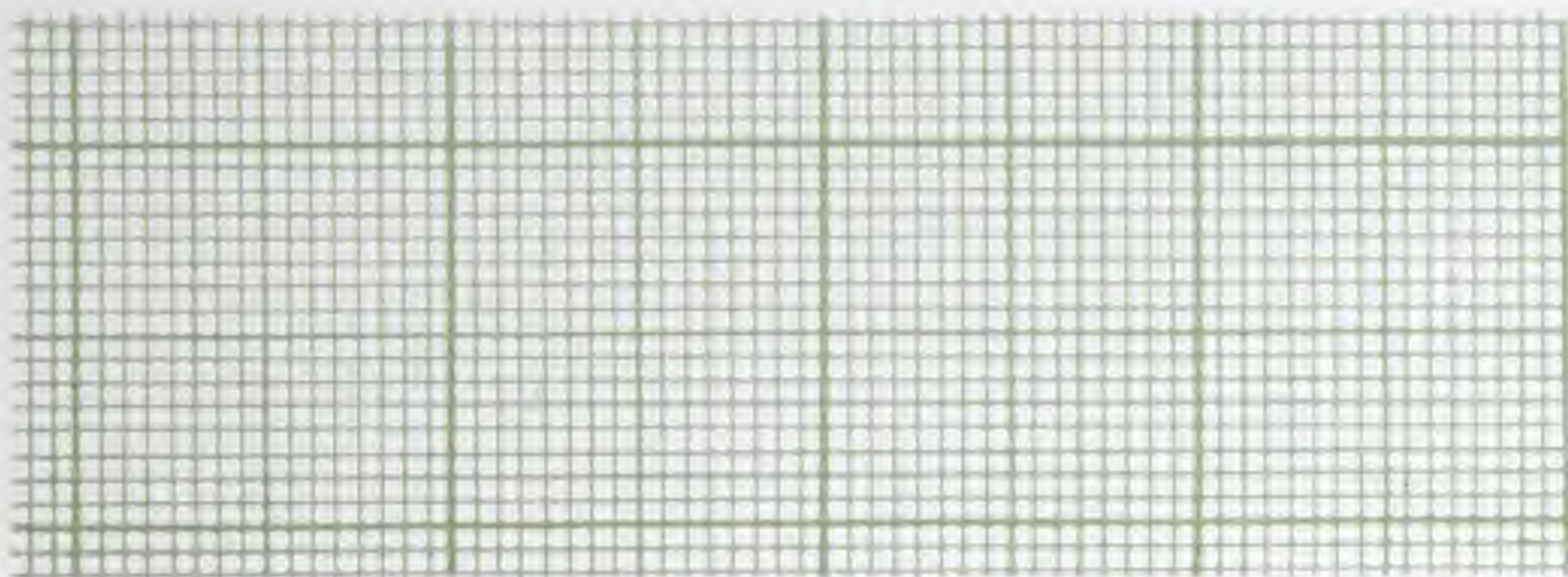
10x10 to 1 inch, every inch line heavy

Rolls		Roll	Yard
No. 180—Green, on drawing paper, engraving 20 in. wide, 50-yd. rolls.		\$.....	\$.....
No. 180—Orange, on drawing paper, engraving 20 in. wide, 50-yd. rolls.	
No. 181—Green, mounted on muslin, engraving 20 in. wide, 20-yd. rolls.	
No. 181—Orange, mounted on muslin, engraving 20 in. wide, 20-yd. rolls.	
No. 184—Orange, on tracing paper, engraving 20 in. wide, 50-yd. rolls.	
No. 186—Orange, on tracing cloth, engraving 20 in. wide, 20-yd. rolls.	
No. 187—Green, on drawing cloth, engraving 20 in. wide, 20-yd. rolls.	
No. 187—Orange, on drawing cloth, engraving 20 in. wide, 20-yd. rolls.	
Sheets		Quire	Sheet
No. 188 —Green, on ledger paper, engraving 16x20 in.		\$.....	\$.....
No. 189 —Orange, on ledger paper, engraving 16x20 in.	
No. 189A—Orange, on tracing paper, engraving 16x20 in.	

Samples of Cross Section Papers or Cloths Mailed on Request

Drafting and Engineering Supplies

PEERLESS CROSS SECTION PAPERS In Sheets



16x16 to 1 inch, every inch line heavy

Sheets

	Quire	Sheet
No. 194—Green, on ledger paper, engraving 16x21 in.	\$ 1.00	\$ 1.00
No. 195—Orange, on ledger paper, engraving 16x21 in.	\$ 1.00	\$ 1.00
No. 196—Orange, on tracing paper, engraving 16x21 in.	\$ 1.00	\$ 1.00



8x8 to 1 inch, every fifth line heavy

Sheets Only

	Quire	Sheet
No. 197—Green, on ledger paper, engraving 16 1/4 x 21 3/4 in.	\$ 1.00	\$ 1.00
No. 198—Orange, on ledger paper, engraving 16 1/4 x 21 3/4 in.	\$ 1.00	\$ 1.00
No. 199—Orange, on tracing paper, engraving 16 1/4 x 21 3/4 in.	\$ 1.00	\$ 1.00



5x5 to 1/2 inch, every fifth line heavy

Sheets Only

	Quire	Sheet
No. 200—Green, on ledger paper, engraving 16x20 in.	\$ 1.00	\$ 1.00
No. 201—Orange, on ledger paper, engraving 16x20 in.	\$ 1.00	\$ 1.00
No. 202—Orange, on tracing paper, engraving 16x20 in.	\$ 1.00	\$ 1.00

Samples of Cross Section Papers Mailed on Request

Drawing
Instru-
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Scales,
Triangles
& Tee
Sq's

Com-
mon
In-
struments

The C.F. Pease Company

PEERLESS CROSS SECTION PAPERS In Sheets



12x12 to 1 inch, every inch line heavy

Sheets Only

	Quire	Sheet
No. 203—Green, on ledger paper, engraving 16x20 in.	\$	\$

CONSTRUCTORS' SKETCH PAPER



10x10 to 1/2 inch; every fifth line heavy

This Paper Is Recommended for Mechanical Engineers, Students, etc.

	100 Sheets	Quire
No. 204—Orange or neutral tint, on drawing paper, engraving 5x7 in.	\$	\$
No. 205—Orange only, on tracing paper, engraving 5x7 in.	\$	\$
No. 206—Orange or neutral tint, on drawing paper, engraving 7 1/2 x 10 in.	\$	\$
No. 207—Orange only, on tracing paper, engraving 7 1/2 x 10 in.	\$	\$
No. 208—Green or neutral tint, on drawing paper, engraving 10x15 in.	\$	\$
No. 209—Orange only, on tracing paper, engraving 10x15 in.	\$	\$



20x20 to 1 inch, every tenth line heavy

	100 Sheets	Quire
No. 210—Green only, on drawing paper, engraving 5x7 in.	\$	\$
No. 211—Orange only, on tracing paper, engraving 5x7 in.	\$	\$
No. 212—Green only, on drawing paper, engraving 7x10 in.	\$	\$
No. 213—Orange only, on tracing paper, engraving 7x10 in.	\$	\$
No. 215—Orange only, on tracing paper, engraving 8x10 in.	\$	\$

Samples of Cross Section Papers Mailed on Request



- No. 216—Engraving only...
- No. 217—Engraving only...
- No. 218—Engraving only...

For making



- No. 219—Printed
- No. 220—Printed
- No. 221—Printed

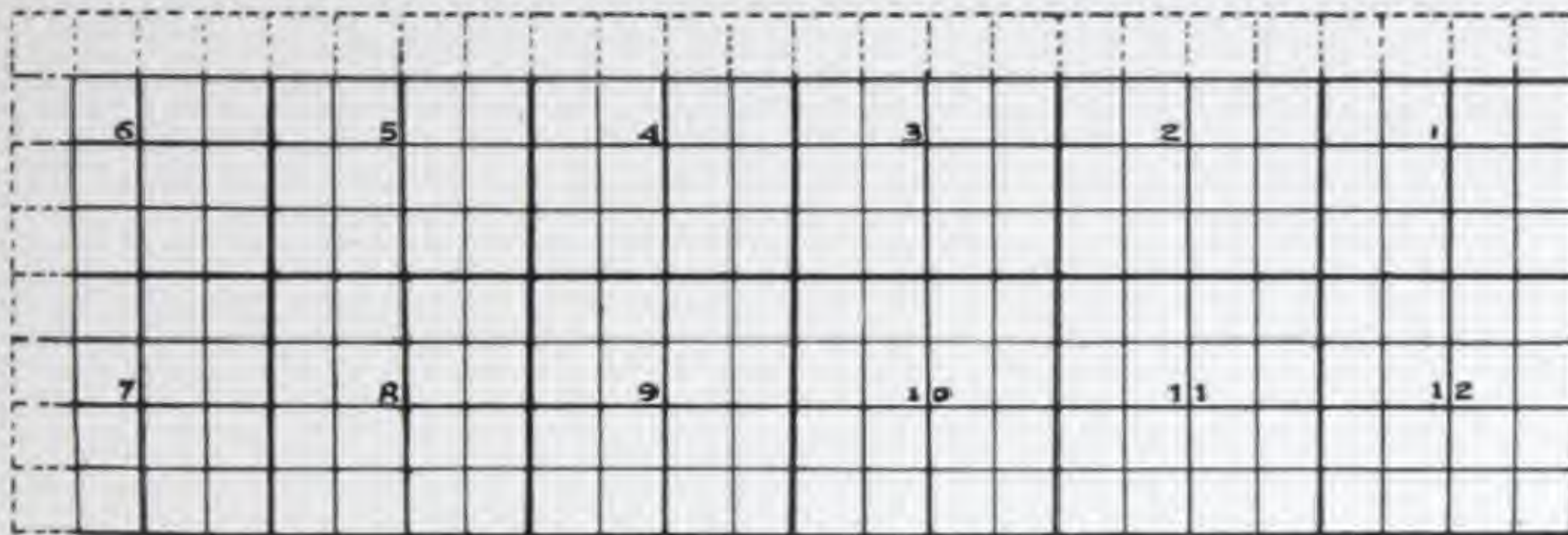
LOG

The scales uniform as in marked are proportion numbers them

- No. 222—LOGAR

Drafting and Engineering Supplies

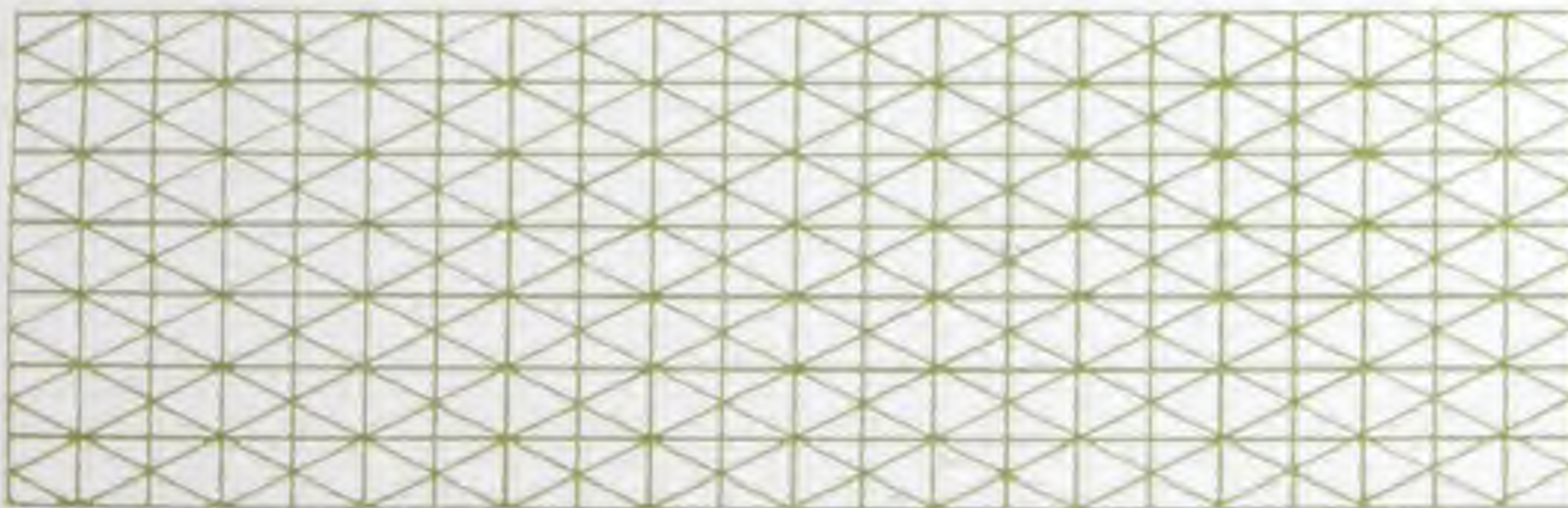
TOWNSHIP PAPER



- | | 100 Sheets | Sheet |
|---|------------|---------|
| No. 216—Engraving 6x6 in., scale 1 in. to 1 mile, black only..... | \$..... | \$..... |
| No. 217—Engraving 12x12 in., scale 2 in. to 1 mile, black only..... | \$..... | \$..... |
| No. 218—Engraving 15x18 in., scale 3 in. to 1 mile, black only..... | \$..... | \$..... |

ISOMETRIC SKETCHING PAPER

For making Drawings and Sketches in Isometric Perspective.



- | | |
|--|---------|
| No. 219—Printed in green, in sheets 12x18 in., per 100 sheets..... | \$..... |
| No. 220—Printed in green, in pads of 40 sheets, 6x9 in., per pad..... | \$..... |
| No. 221—Printed in green, in pads of 40 sheets, 9x12 in., per pad..... | \$..... |

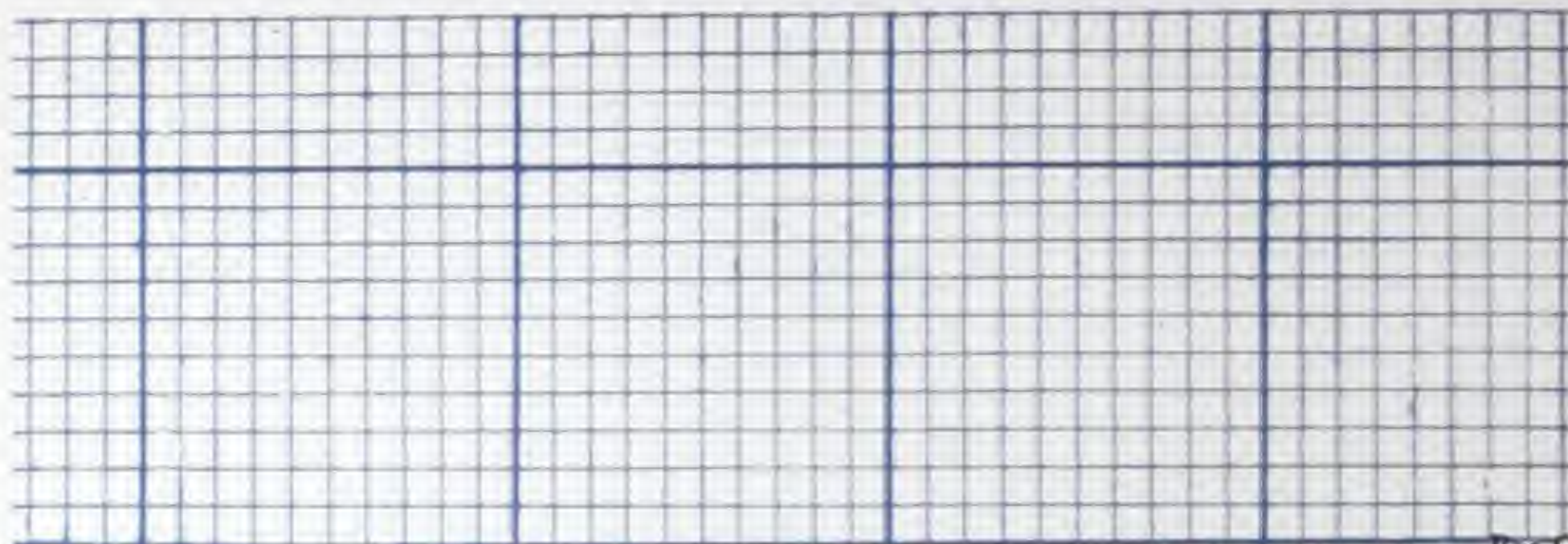
LOGARITHMIC CROSS SECTION PAPER

The scales on each side of this paper are logarithmic, instead of uniform as in other cross section papers. The numbers and divisions marked are placed at such points that their distances from the origin are proportional to the logarithm of such numbers instead of to the numbers themselves.

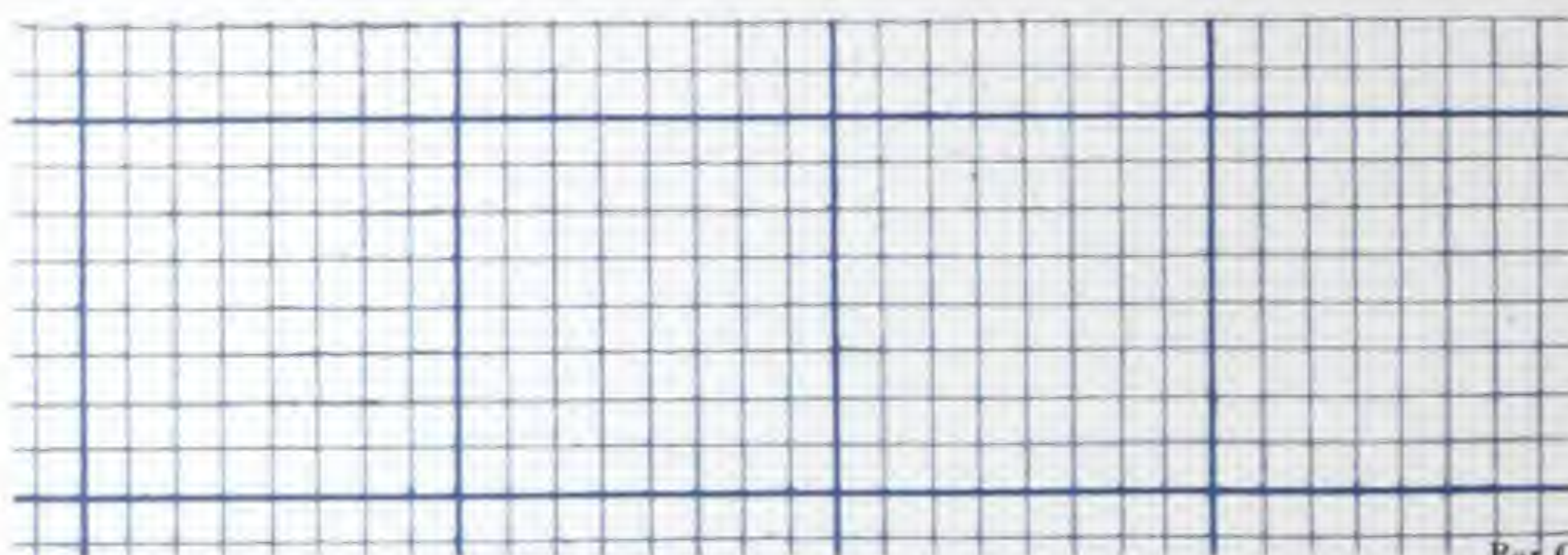
- | | Quire | Sheet |
|--|---------|---------|
| No. 222—LOGARITHMIC Paper, engraving 10x10 inches..... | \$..... | \$..... |

The C.F. Pease Company

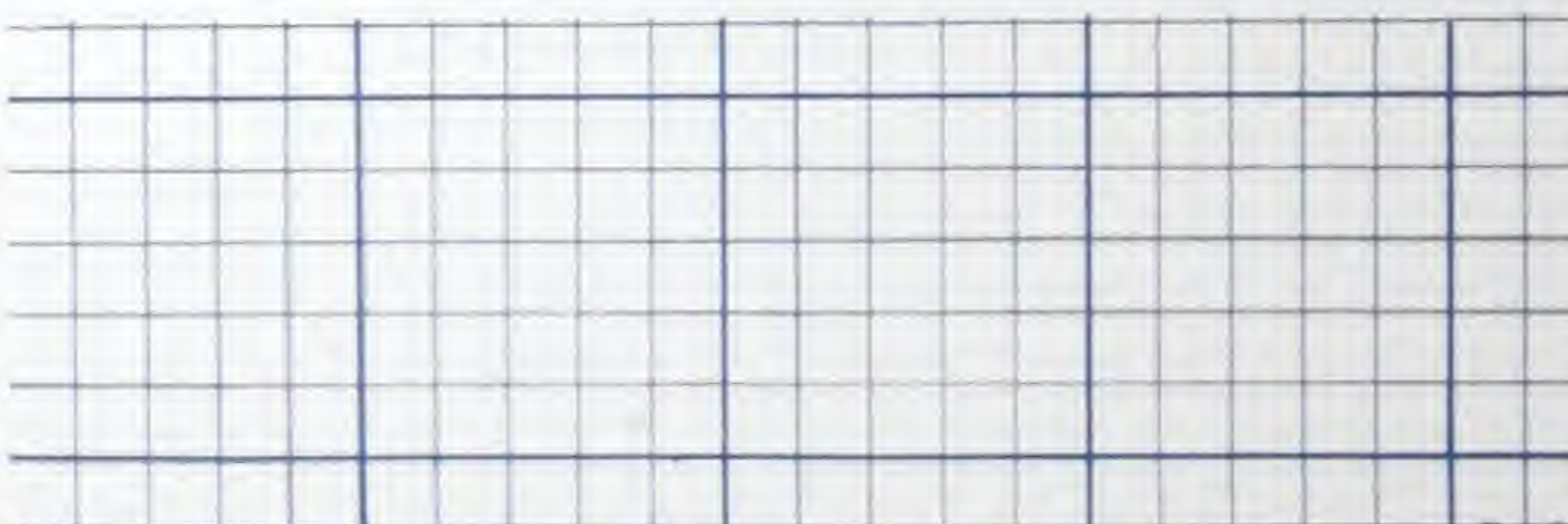
RULED CROSS SECTION PAPERS



No. 226—**CROSS SECTION PAPER**, 16x21 inches, ruled in blue, 10x10 to 1 in. Per Quire \$



No. 227—**CROSS SECTION PAPER**, 16x21 inches, ruled in blue, 8x8 to 1 in. Per Quire \$



No. 228—**CROSS SECTION PAPER**, 16x21 inches, ruled in blue, 5x5 to 1 in. Per Quire \$



No. 229—**TOPOGRAPHICAL PAPER**, 16x21 inches, ruled in blue and red, 400 ft. to 1 in. Per Quire \$

Samples of Cross Section Papers Mailed on Request

Drafting and Engineering Supplies

FEDERAL AID SHEETS

As recommended for Federal Aid Road Projects by the U. S. Department of Agriculture,
Office of Public Roads and Rural Engineering.

No. 230

No. 230—Plate 1—Plan Profile Sheet, B. P. R. standard, printed in orange on **TRACING PAPER**. Size of sheet, 23x36 inches. Size of Border lines, 22x33 1/2 inches. Size of profile, 10x33 1/2 inches. Profile printed lengthwise to the half inch and in height to one tenth of an inch. Outside of border line on the left-hand side of sheet there are two titles for profile and plan.

	Per 100	Per Quire	Each
.....	\$.....	\$.....	\$.....

No. 231—Plate 1—Plan Profile Sheet, like No. 230, but printed on **TRACING CLOTH**.

	Per 100	Per Quire	Each
.....	\$.....	\$.....	\$.....

No. 232—Plate 2—Plan Profile Sheet, B. P. R. standard, printed in orange on **TRACING PAPER** for flat profiles. Size of sheet, border lines and titles like No. 230. The sheet is divided into four quarters as follows:

Beginning at the bottom of the sheet, the first quarter has the same ruling as No. 230 with profile, size of profile being 5x32 inches.

The second quarter is blank.

The third quarter is printed like the first quarter.

The fourth quarter is blank.

	Per 100	Per Quire	Each
.....	\$.....	\$.....	\$.....

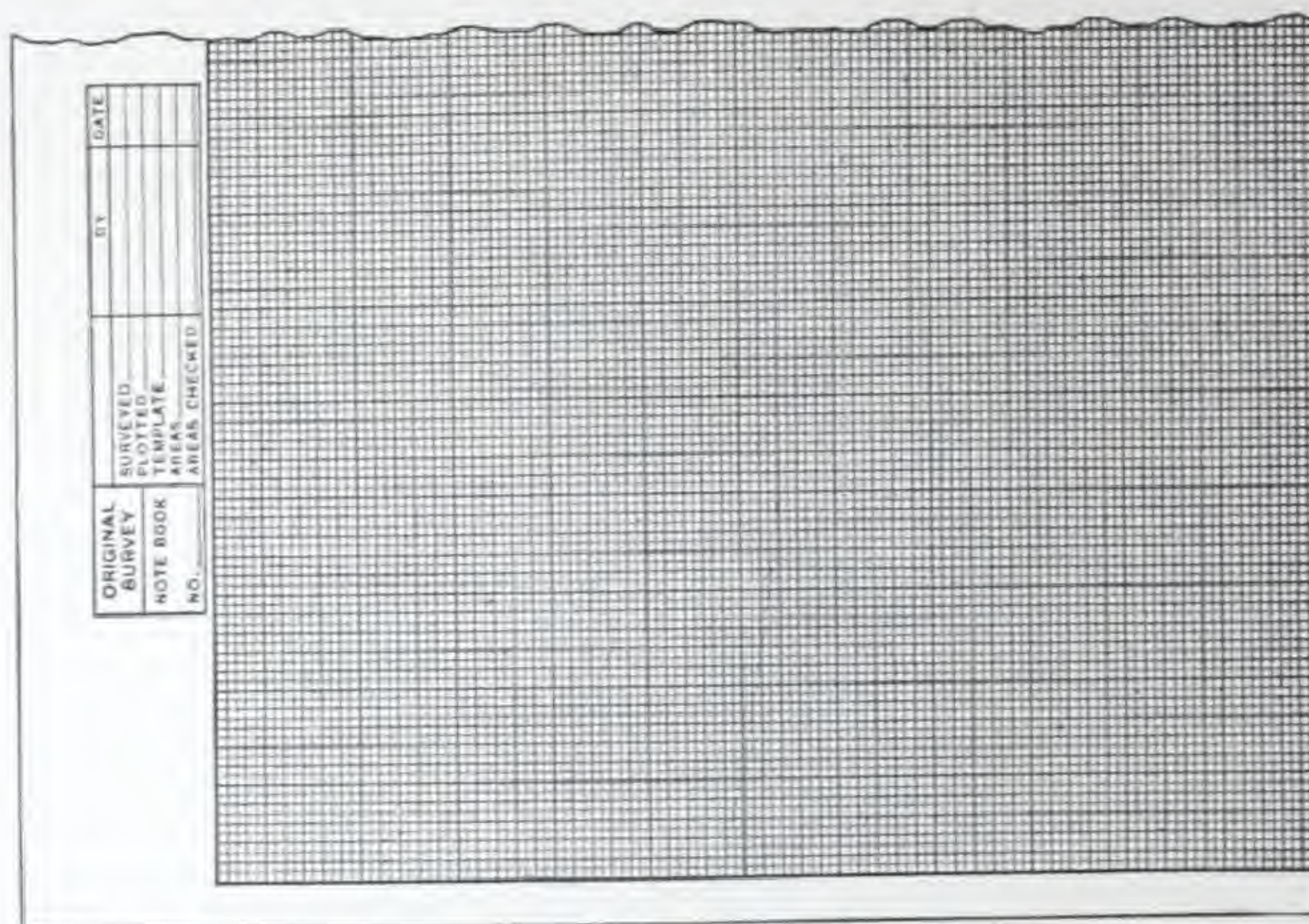
No. 233—Plate 2—Plan Profile Sheet, like No. 232, but printed on **TRACING CLOTH**.

	Per 100	Per Quire	Each
.....	\$.....	\$.....	\$.....

The C.F. Pease Company

FEDERAL AID SHEETS

As Recommended for Federal Aid Road Projects by the U. S. Department of Agriculture,
Office of the Public Roads and Rural Engineering



No. 234

No. 234—Plate 3—Cross Section Sheet, B. P. R. standard, printed in orange on **TRACING PAPER**. Size of sheet, 23x36 inches. Size of border line, 22x33½ inches. Size of cross section, 21x33½ inches. Cross section printed 10x10 to the inch, every tenth line heavy. Outside of border line on left-hand side of sheet there are two titles for original survey and final survey.

	Per 100	Per Quire	Each
	\$.....	\$.....	\$.....

No. 235—Plate 3—Cross Section Sheet, like No. 234, but printed on **TRACING CLOTH**.

	Per 100	Per Quire	Each
	\$.....	\$.....	\$.....

No. 236—Plate 4—Cross Section Sheet, B. P. R. standard, printed in orange on **TRACING PAPER**. Size of sheet, border lines and titles, like No. 234. Cross section ruling beginning at the bottom of the sheet is the same as ruling of sheet No. 234 and extends half way up the sheet, size of cross section being 10x33½ inches. The upper half of the sheet is blank.

	Per 100	Per Quire	Each
	\$.....	\$.....	\$.....

No. 237—Plate 4—Cross Section Sheet, like No. 236, but printed on **TRACING CLOTH**.

	Per 100	Per Quire	Each
	\$.....	\$.....	\$.....

These bo
rolls of profile
or two pages
for the const
fine quality.

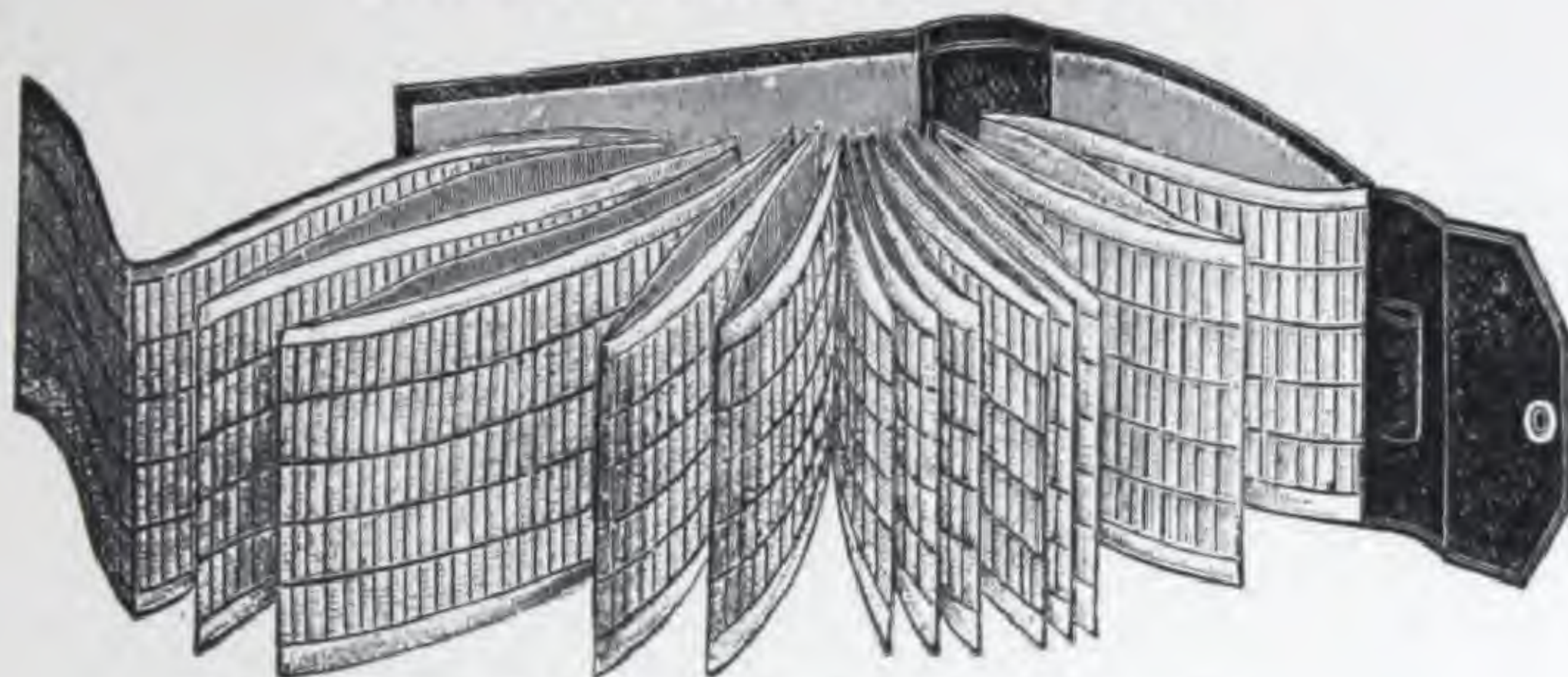
No. 260—PR
in g
Miles...
Each...

No. 261—PR
in g
Miles...
Each...

BLOC
No. 262—5x8½
No. 263—5x8½
No. 264—8½x
No. 265—8½x

BLOC
No. 267—8x10
No. 268—8x10

PROFILE BOOKS, CONTINUOUS



Bound in Flexible Morocco Covers

These books are folded like a map to replace the continuous rolls of profile paper, and the pages are mounted on muslin. Each leaf, or two pages facing, contains 6,000 feet—a section as generally laid out for the construction of a road. The paper lies smooth, and is of extra fine quality.

No. 260—**PROFILE BOOK**, Plate A, 4x20 to 1 in., 5½x8 in., printed in green.

Miles	12	25	50	100
Each	\$	\$	\$	\$

No. 261—**PROFILE BOOK**, Plate B, 4x30 to 1 in., 4¾x8 in., printed in green.

Miles	12	25	50	100
Each	\$	\$	\$	\$

BLOCKS OF PRINTED CROSS SECTION PAPER

No. 262—5x8½ in., 10x10 to 1 in., 50 sheets printed in green...	Block	\$
No. 263—5x8½ in., 8x8 to 1 in., 50 sheets printed in green...		\$
No. 264—8½x11 in., 10x10 to 1 in., 50 sheets printed in green...		\$
No. 265—8½x11 in., 8x8 to 1 in., 50 sheets printed in green...		\$

BLOCKS OF RULED CROSS SECTION PAPER

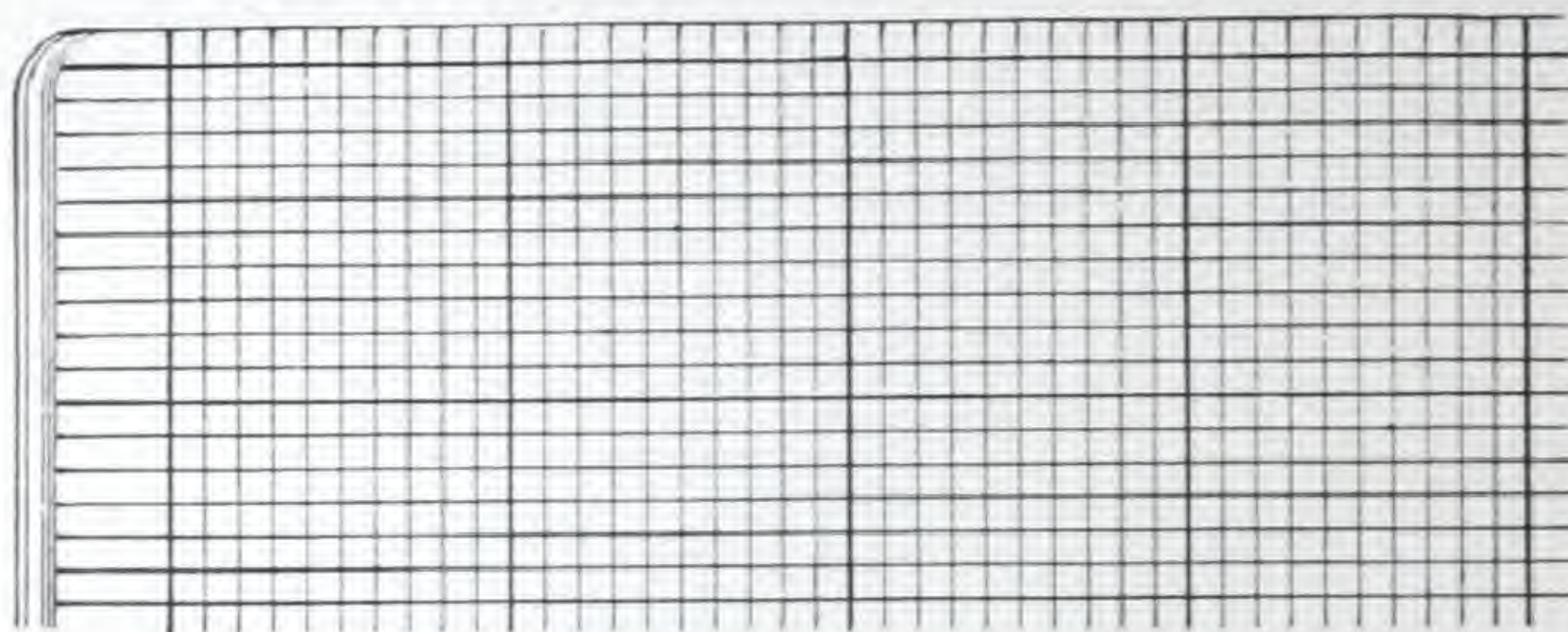
No. 267—8x10 in., 10x10 to 1 in., ruled in blue, 24 sheets...	Block	\$
No. 268—8x10 in., 8x8 to 1 in., ruled in blue, 24 sheets...		\$

The C.F. Pease Company

ENGINEERS'

All Engineers' books listed herewith are bound very securely and substantially when opened.

The leaves are of specially selected, strong paper stock which is ideally adapted absolutely waterproof. All books are equipped with recently revised tables which are intended.

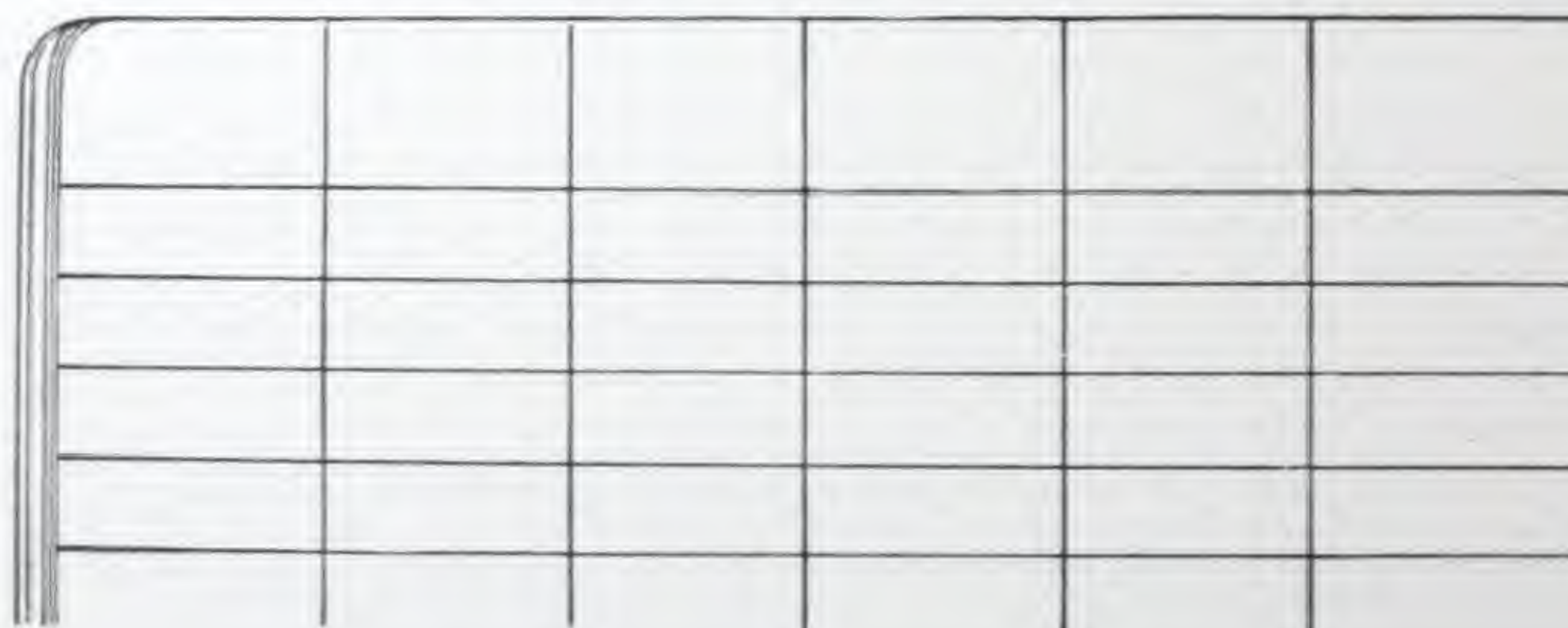


No. 270—**CROSS SECTION BOOK**, $4\frac{1}{2} \times 7\frac{1}{4}$ in., bound in Sheepskin, 80 leaves, ruled 10x10

No. 271—**CROSS SECTION BOOK**, $4\frac{1}{2} \times 7\frac{1}{4}$ in., bound in Fabri-Hide, 80 leaves, ruled 10x10

No. 272—**CROSS SECTION BOOK**, $6\frac{1}{2} \times 8\frac{1}{2}$ in., bound in Sheepskin, 80 leaves, ruled 10x10

No. 273—**CROSS SECTION BOOK**, $6\frac{1}{2} \times 8\frac{1}{2}$ in., bound in Fabri-Hide, 80 leaves, ruled 10x10



No. 274—**FIELD BOOK**, $4\frac{1}{2} \times 7\frac{1}{4}$ in., bound in Sheepskin, 80 leaves, right hand page ruled 4x4 to

No. 275—**FIELD BOOK**, $4\frac{1}{2} \times 7\frac{1}{4}$ in., bound in Fabri-Hide, 80 leaves, right hand page ruled 4x4 to

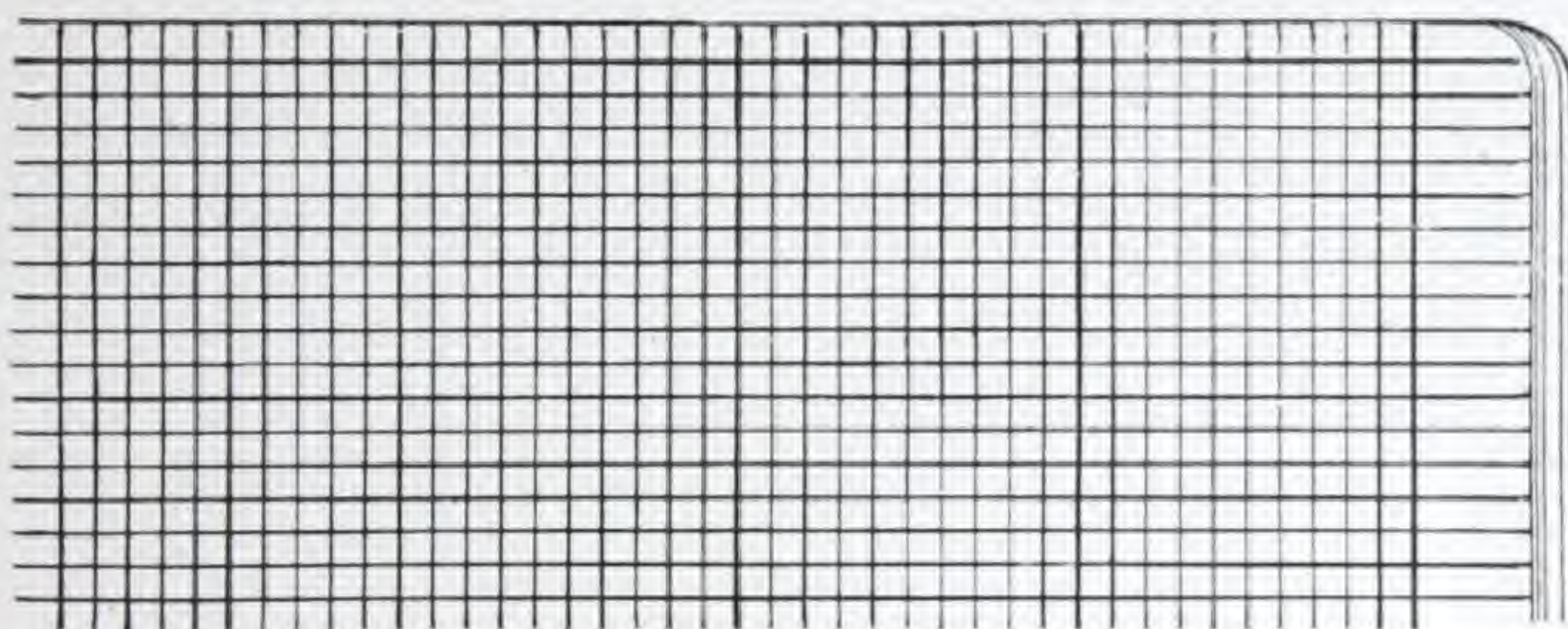
We Will Make to Order Engineers' Books of Special Size or Design
in Lots of Not Less Than Six Dozen of a Kind

Drafting and Engineering Supplies

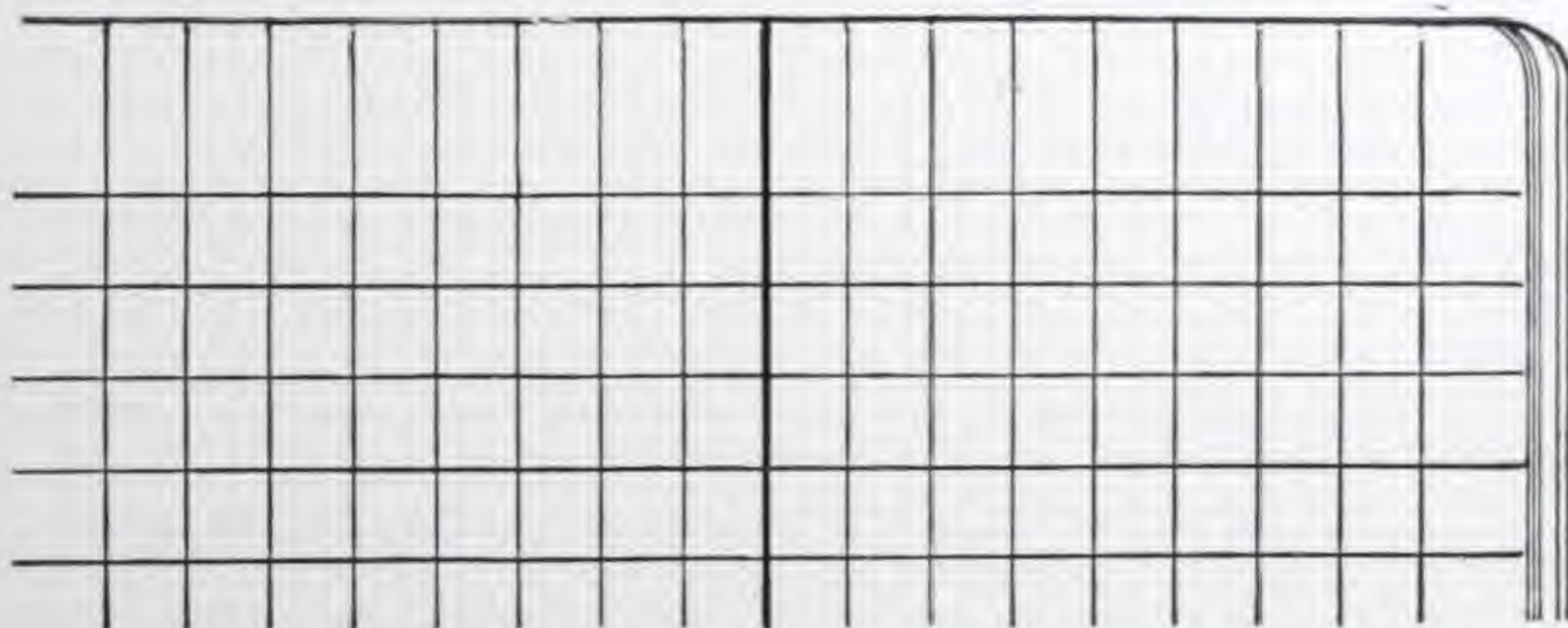
FIELD BOOKS

in either genuine sheepskin or Fabri-Hide with round corners and back, so as to lie flat

for both pencil and ink and erases perfectly. Rulings are spaced correctly and are very valuable and vary according to the purpose for which the respective book is



	Doz.	Each
to 1 in., with complete tables.	\$	\$
to 1 in., with complete tables.		
to 1 in., with complete tables.		
to 1 in., with complete tables.		



	Doz.	Each
the inch, with complete tables.	\$	\$
the inch, with complete tables.		

**We Will Make to Order Engineers' Books of Special Size or Design
in Lots of Not Less Than Six Dozen of a Kind**

The C.F. Pease Company

ENGINEERS'

- No. 276—**FIELD BOOK**, $4\frac{1}{2} \times 7\frac{1}{4}$ in., bound in Sheepskin, 80 leaves, right hand page 8 vertical lines
 No. 277—**FIELD BOOK**, $4\frac{1}{2} \times 7\frac{1}{4}$ in., bound in Fabri-Hide, 80 leaves, right hand page 8 vertical lines

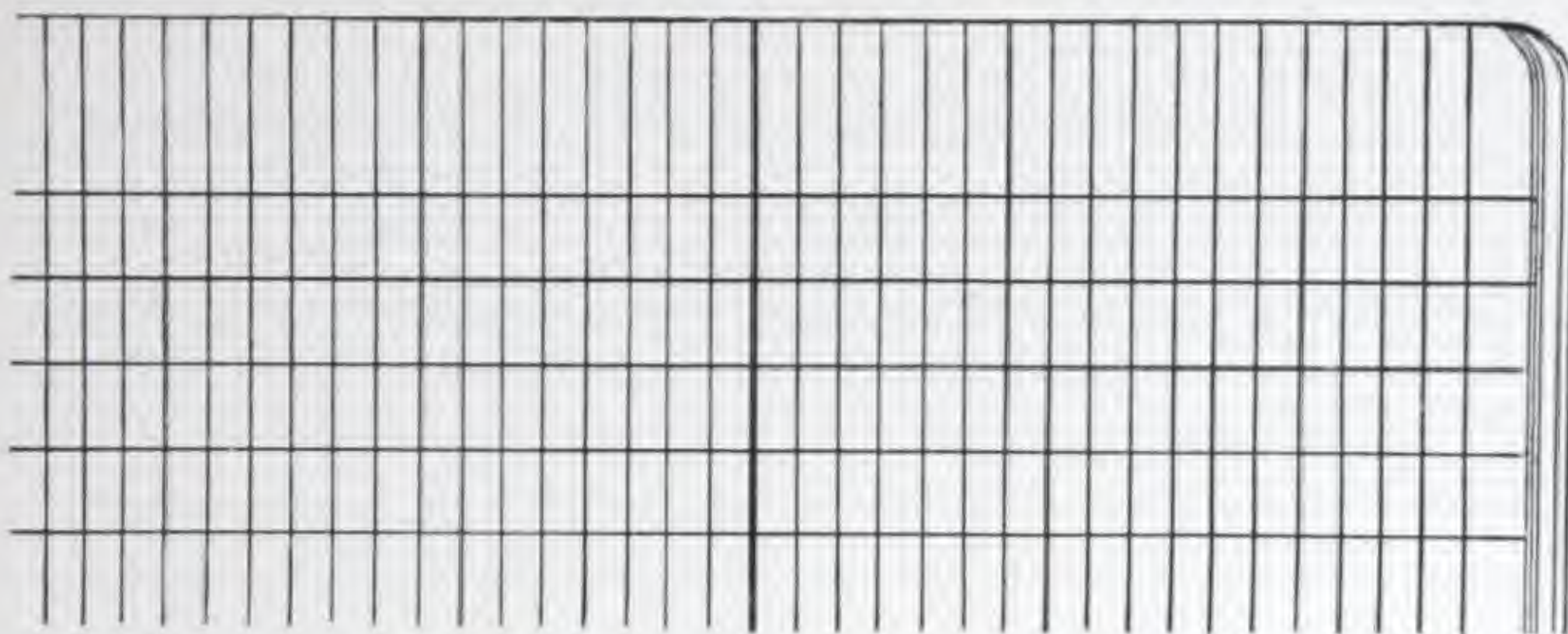
- No. 278—**TRANSIT BOOK**, $4\frac{1}{2} \times 7\frac{1}{4}$ in., bound in Sheepskin, 80 leaves, with complete tables
 No. 279—**TRANSIT BOOK**, $4\frac{1}{2} \times 7\frac{1}{4}$ in., bound in Fabri-Hide, 80 leaves, with complete tables

- No. 280—**LEVEL BOOK**, $4\frac{1}{2} \times 7\frac{1}{4}$ in., bound in Sheepskin, 80 leaves, with complete tables
 No. 281—**LEVEL BOOK**, $4\frac{1}{2} \times 7\frac{1}{4}$ in., bound in Fabri-Hide, 80 leaves, with complete tables

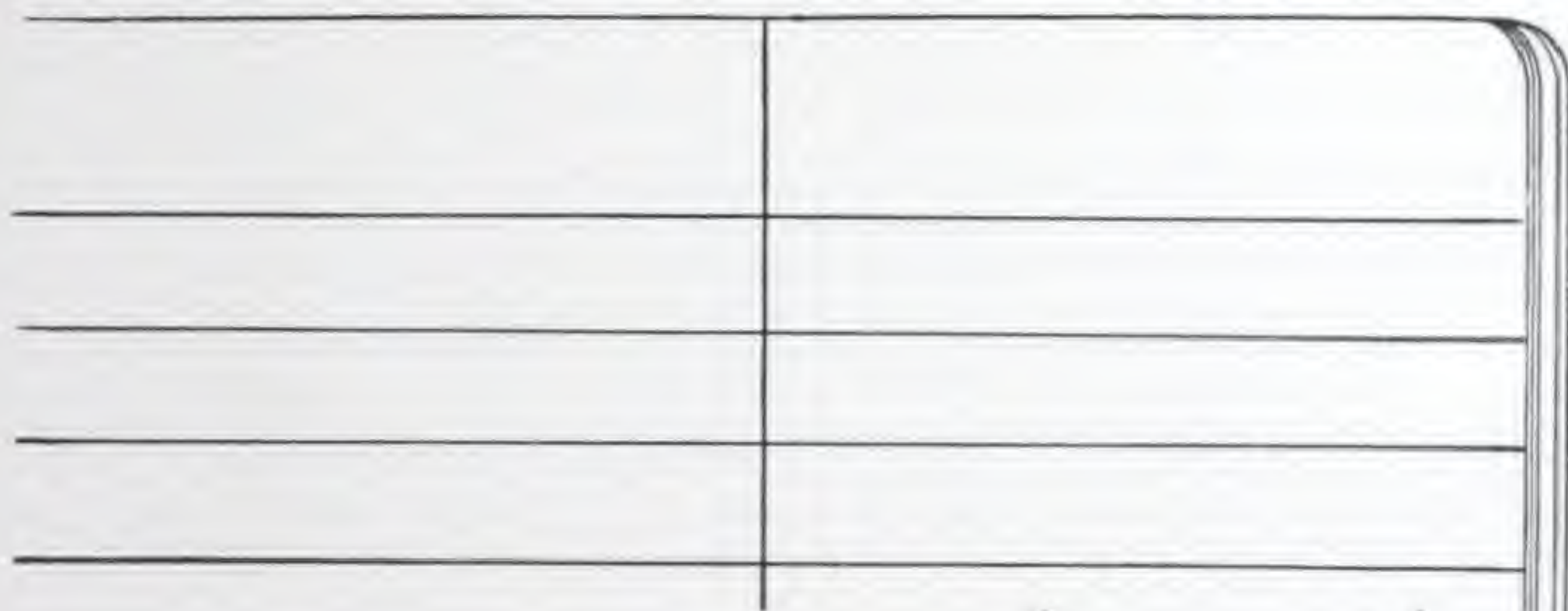
**We Will Make to Order Engineers' Books of Special Size or Design
 in Lots of Not Less Than Six Dozen of a Kind**

Drafting and Engineering Supplies

FIELD BOOKS



	Doz.	Each
to the inch, with complete tables	\$ 1.00	\$.08
to the inch, with complete tables	\$ 1.00	\$.08



	Doz.	Each
to the inch, with complete tables	\$ 1.00	\$.08
to the inch, with complete tables	\$ 1.00	\$.08



	Doz.	Each
to the inch, with complete tables	\$ 1.00	\$.08
to the inch, with complete tables	\$ 1.00	\$.08

**We Will Make to Order Engineers' Books of Special Size or Design
in Lots of Not Less Than Six Dozen of a Kind**

Drawing
Instru-
ments

Scales,
Triangles
& Tee
Sq's

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ENGINEERS'

SECTION								
STA.	ELEVA.	GRADE	CUT OR FILL					
			LEFT	C	RIGHT			

No. 282—**EARTHWORKS FIELD BOOK**, 5x7 $\frac{3}{4}$ in., bound in Sheepskin, 80 leaves, with complete

No. 283—**MINING TRANSIT BOOK**, 4 $\frac{1}{2}$ x7 $\frac{1}{4}$ in., bound in Sheepskin, 80 leaves, right hand page

No. 284—**TOPOGRAPHICAL BOOK**, 5x8 in., bound in Sheepskin, 80 leaves, right hand page 4x4

We Will Make to Order Engineers' Books of Special Size or Design
in Lots of Not Less Than Six Dozen of a Kind

Drafting and Engineering Supplies

FIELD BOOKS

AREAS			CUBIC YARDS		REMARKS
EXCAVATION	EMBANKMENT		EXCAV.	EMBANK.	

	Doz.	Each
tables.....	\$.....	\$.....

[illegible]

	Doz.	Each
8x8 to 1 inch, with complete tables	\$	\$

[illegible]

	Doz.	Each
to 1 inch, with complete tables	\$	\$

**We Will Make to Order Engineers' Books of Special Size or Design
in Lots of Not Less Than Six Dozen of a Kind**

The C.F. Pease Company

ENGINEERS' FIELD BOOKS—LOOSE LEAF



No. 285

This **Engineers' Loose Leaf Field Book** is highly adapted for the engineer working in the field who wishes to send any of his notes to the office and at the same time continue using the book. It also makes possible the filing together of notes of any particular survey, or filing the notes in alphabetical order according to the names of the clients. The covers are 5x7 inches and are made of black imitation Morocco leather with metal backs and six rings which can be opened in one operation. The book lies perfectly flat when opened and the stiff back makes the taking of notes in the field

very easy. The covers are of 50 leaf capacity. Leaves are of specially selected high grade stock, with waterproof rulings.

- No. 285—**LOOSE LEAF FIELD BOOK**, Bound in imitation Morocco, without fillers. Each \$
- No. 286—**LOOSE LEAF FILLERS**, ruling same as Field Book No. 276, 50 sheets in set. Per set \$
- No. 287—**LOOSE LEAF FILLERS**, ruling same as Transit Book No. 278, 50 sheets in set. Per set \$
- No. 288—**LOOSE LEAF FILLERS**, ruling same as Level Book No. 280, 50 sheets in set. Per set \$

STANDARD DOCUMENTS

The **Standard Documents** of the American Institute of Architects replace the old Uniform Contract, which has been discontinued and **cannot be furnished**. A heavy paper cover with valuable notes is given with each copy of the Agreement and General Conditions and with each Complete Set of the Documents.

	Each	100
No. 297-A—Agreement and General Conditions	\$	\$
No. 297-B—General Conditions without Agreement		
No. 297-C—Agreement between Contractor and Owner		
No. 297-D—Agreement between Architect and Owner		
No. 297-E—Bond of Suretyship		
No. 297-F—Agreement between Contractor and Subcontractor		
No. 297-G—Letter of Acceptance of Subcontractor proposal		
No. 298 —Complete set, consisting of one each of numbers, 297-A, 297-E, 297-F, and 297-G. Set		
No. 299 — ARCHITECTS' CERTIFICATE BOOKS , 100 blanks. Each		

Drawing Instruments

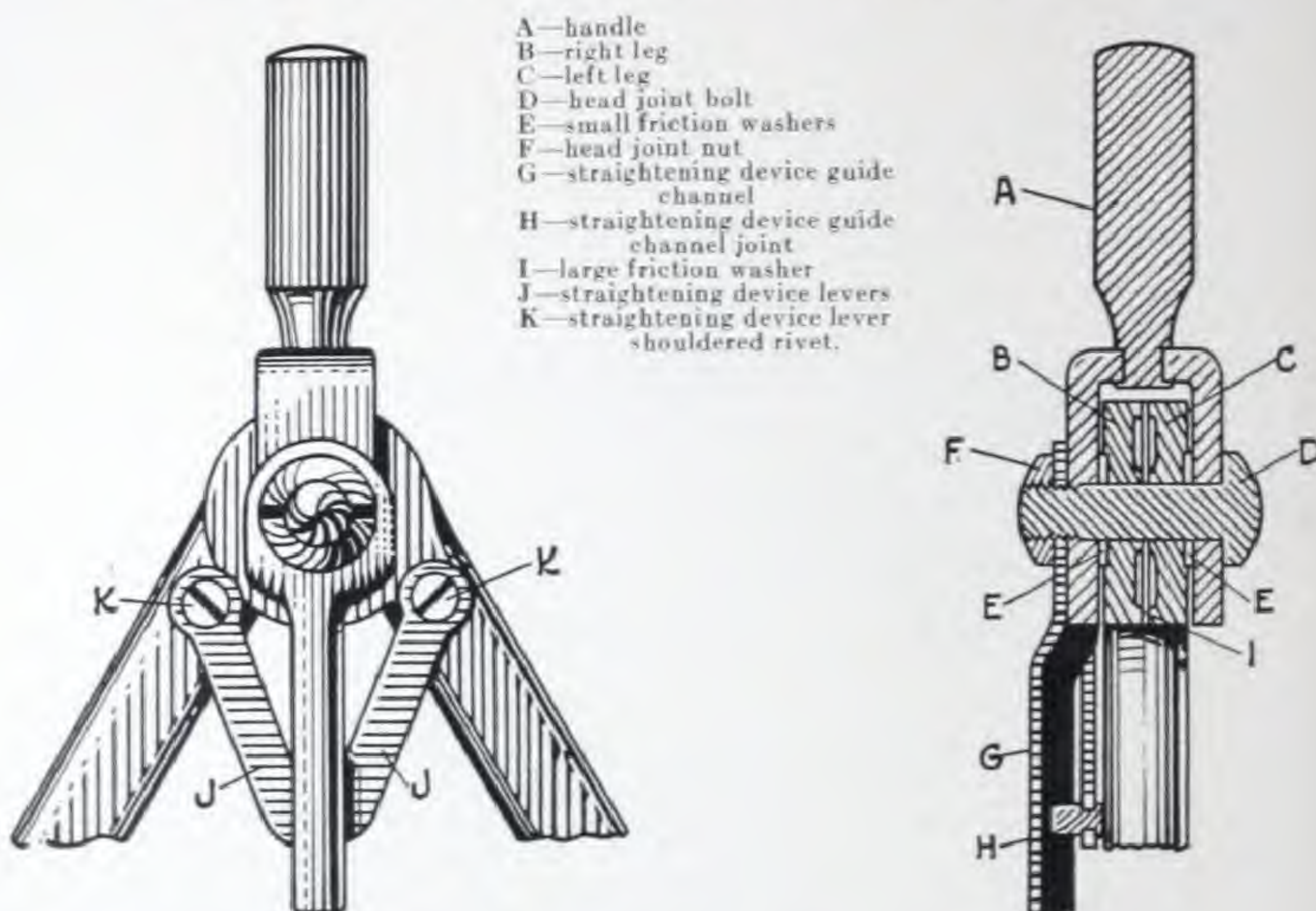
PEASE Drawing Instruments are recommended for the most detailed work as they contain that proper balance and degree of precision only found in high quality instruments.

Our Chicago and Franklin brand instruments of American manufacture and our George Schoenner instruments, imported from Germany, comprise an assortment that fully meets all requirements of both the professional man and the student.



The C.F. Pease Company

CROSS SECTION AND FRONT VIEW OF COMPASS AND DIVIDER HEAD—SHOWING CONSTRUCTION OF PEASE "CHICAGO" AND "FRANKLIN" INSTRUMENTS



Durability, rigidity, and precision are built right into Pease "Chicago" and Pease "Franklin" Compasses. All parts are nicked silver, highly polished, excepting EE, I, D, and F, which are tempered steel, thus standing extreme wear.

Large flat bearing surfaces in which the friction is taken up by the steel washers EE and I, and head bolt D which has a large diameter and is of hard steel and which controls the friction of the joint, are particular features.

Bolt D draws all friction surfaces together by the action of head joint nut F. Head A is kept perpendicular to the compass legs B and C by the action of straightening device guide channel G and straightening device levers JJ which carry straightening device guide and channel pin H.

These parts are all of heavy metal and very strong, the straightening device levers being fastened to the side legs B and C by heavy screw head shouldered rivets KK. The amount of friction of this joint may be controlled by the user to any desired point, by tightening or loosening head joint nut F.

PEASE "C" standards so main the like part. Pease bility or finish by a

PEASE "CHICAGO" INSTRUMENTS IN GEOTHER, POCKET WITH SILK VEL

3 3/8" Bow Pen, w
3 3/8" Bow Pencil, w
3 3/8" Bow Divider
justment.
Lead Box.
Steel Needle

Same assortment as adjustment



No. 500

ALL RULING TH

Drawing Instruments

"CHICAGO" DRAWING INSTRUMENTS

PEASE "Chicago" Drawing Instruments are so carefully manufactured, their standards so maintained, that every part of each instrument is interchangeable with the like part. Pease "Chicago" Instruments are not excelled in accuracy, quality, durability or finish by any other brand of drawing instruments.

No. 549

PEASE "CHICAGO" DRAWING INSTRUMENTS IN GENUINE MOROCCO LEATHER, POCKET STYLE CASE, LINED WITH SILK VELVET.

Comprising:

- 3½" Bow Pen, with center screw adjustment.
- 3½" Bow Pencil, with center screw adjustment.
- 3½" Bow Divider, with center screw adjustment.
- Lead Box.
- Steel Needle Box.



No. 548

Price \$

Same assortment as set No. 549 except that bow instruments have side screw adjustment

Price \$

PLAIN RULING PENS

Aluminum Handles—
Ebony Finish

No. 500

4½" long \$

SPRING BLADE RULING PENS

Aluminum Handles—
Ebony Finish

No. 503

4½" long \$

No. 504

5" long \$



No. 503 No. 504

SPRING BLADE RULING PENS
Front View

No. 500

ALL RULING PENS ARE EQUIPPED WITH GRADUATED THUMB SCREW AND LINE INDICATOR

The C.F. Pease Company

"CHICAGO" DRAWING INSTRUMENTS

Pease "Chicago" Instruments, manufactured right here in our Chicago factory of the highest grade nicked silver and tool steel by skilled workmen. Pease "Chicago" Drawing Instruments are perfectly balanced and possess that degree of precision found only in high-grade instruments.



Graduated
Thumb
Screw and
Line
Indicator

No. 507 No. 508 No. 509

SWEDISH RULING PENS
Aluminum Handle—Ebony Finish
No. 507
5" long. \$
No. 508
6" long. \$
No. 509
7" long. \$



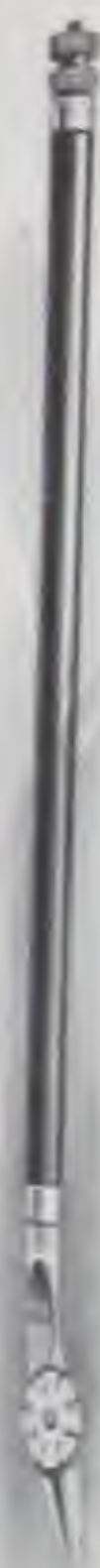
No. 513

RAILROAD PEN
Aluminum Handle—
Ebony Finish
No. 513
5" long. \$



No. 510

BORDER PEN
Aluminum Handle—
Ebony Finish
No. 510
6" long. \$



No. 511
SWIVEL
CURVE
PEN

Aluminum
Handle—
Ebony Finish

No. 511
5" long. \$

No. 511 Swivel Curve Pen
to the end of a ruler
curve accurately.
be clamped and
No. 512 Swivel
that it has two pen
No. 524 Drop
circles. The center
around it. In Mo

Drawing Instruments

"CHICAGO" DRAWING INSTRUMENTS



No. 511
SWIVEL
CURVE
PEN

Aluminum
Handle—
Ebony Finish

No. 511
3/4" long. \$.....



No. 512
SWIVEL
RAILROAD
PEN

Aluminum
Handle—
Ebony Finish

No. 512
5" long. \$.....



No. 524
DROP BOW
PEN AND
PENCIL

No. 524A
American Type
4" long. \$.....

No. 524
4 1/2" long. \$.....



No. 506
JACK KNIFE
RULING PEN

Aluminum
Handle—
Ebony Finish

No. 506
5" long. \$.....

No. 516
5 1/2" long. \$.....

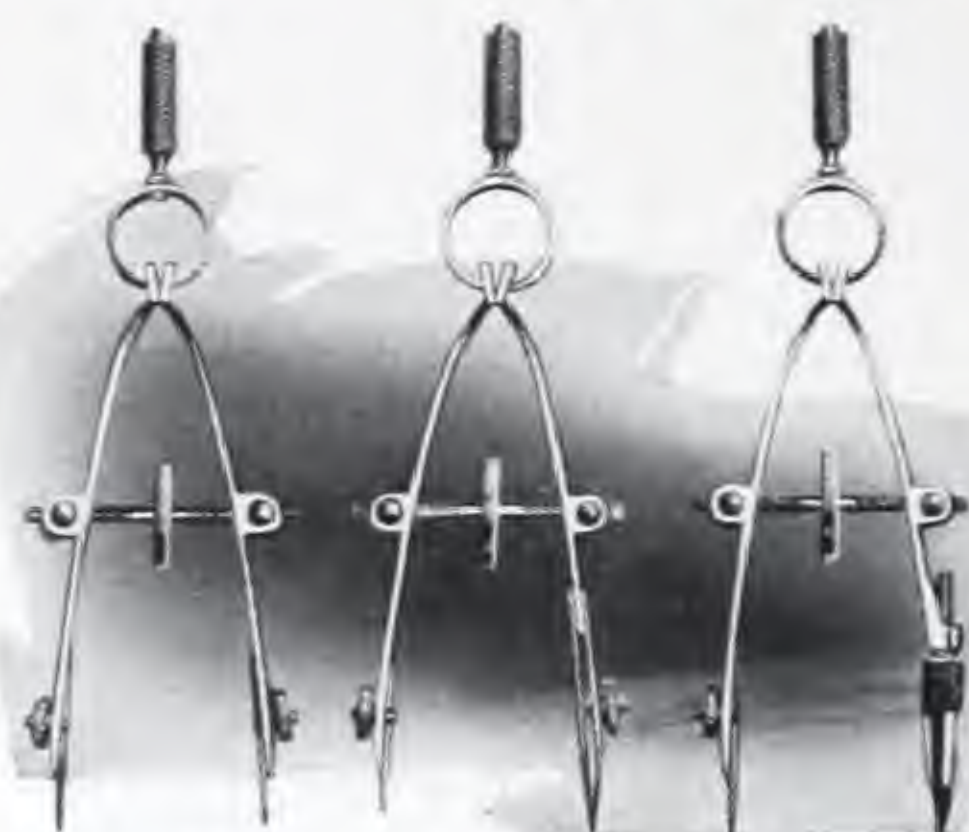
No. 511 Swivel Curve Pen—due to the fact that the blades are fastened to the end of a rod, which rotates in the hollow handle, follows the smallest curve accurately. By means of a nut at the upper end of the rod the pen may be clamped and can then be used as an ordinary ruling pen.

No. 512 Swivel Railroad Pen is constructed just like No. 511, except that it has two pairs of blades.

No. 524 Drop Bow Pen and Pencil is recommended for drawing small circles. The center rod remains stationary while either the pen or pencil rotates around it. In Morocco Case.

The C.F. Pease Company

"CHICAGO" DRAWING INSTRUMENTS



No. 518 No. 520 No. 519

CENTER SCREW ADJUSTMENT BOW INSTRUMENTS

3 1/2" long

- No. 518—Bow Divider \$
 No. 519—Bow Pencil \$
 No. 520—Bow Pen \$



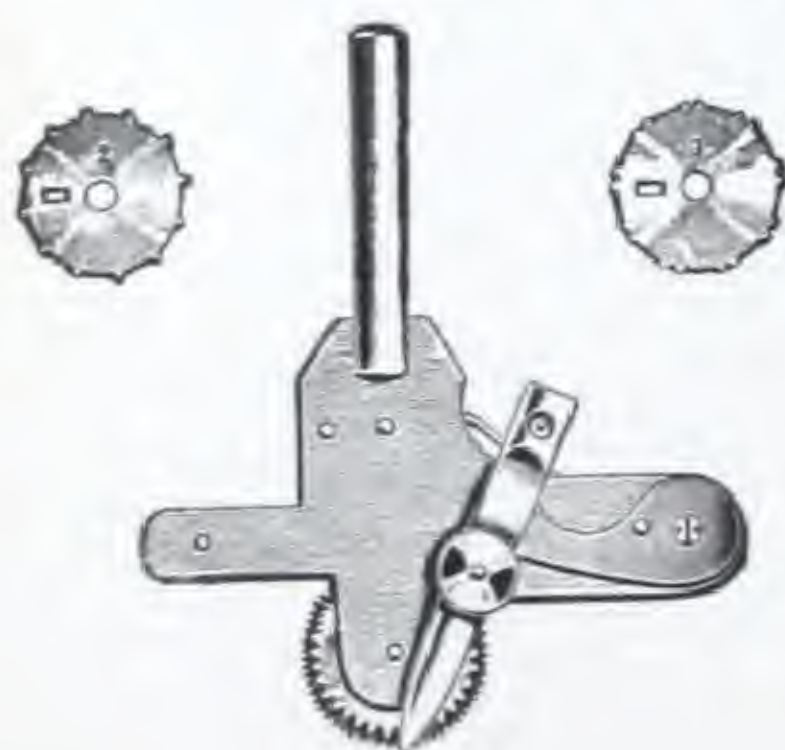
No. 521 No. 523 No. 522

SIDE SCREW ADJUSTMENT BOW INSTRUMENTS

3 1/2" long

- No. 521—Bow Divider \$
 No. 522—Bow Pencil \$
 No. 523—Bow Pen \$

DOTTING INSTRUMENTS



No. 525



No. 527



No. 532

No. 525—DOTTING INSTRUMENT for straight and curved lines, fitting to compasses with three wheels. In Morocco Case. \$

No. 526—DOTTING INSTRUMENT for straight lines with three wheels. \$

By throwing back the spring, the wheels of different patterns are inserted. The wheel is rolled on the edge of a T-square or straight edge and causes the pen to move up and down by means of a ratchet wheel. In Morocco Case.

No. 527—DOTTING PEN, 6", with ebony handle and extra wheel \$

No. 531—HATCHING PEN, 6", extra fine, with pushing screw and 3 pens, ebony handle \$

No. 532—PRICKER, ebony handle \$

Drawing Instruments

IMPORTED BEAM COMPASSES



No. 534

BEAM COMPASS

No. 534—TUBULAR BEAM COMPASS, 18-inch, with three round nickel silver bars and wheel attachment, with two steel points, pen, pencil and needle point, micrometer adjustment, in genuine leather case. . . \$



No. 538



No. 538 1/2

BEAM COMPASS

No. 538—BEAM COMPASS, with interchangeable needle point, pen, pencil legs and micrometer adjustment; in leather case. \$

No. 538 1/2—BEAM COMPASS WHEEL ATTACHMENT. \$

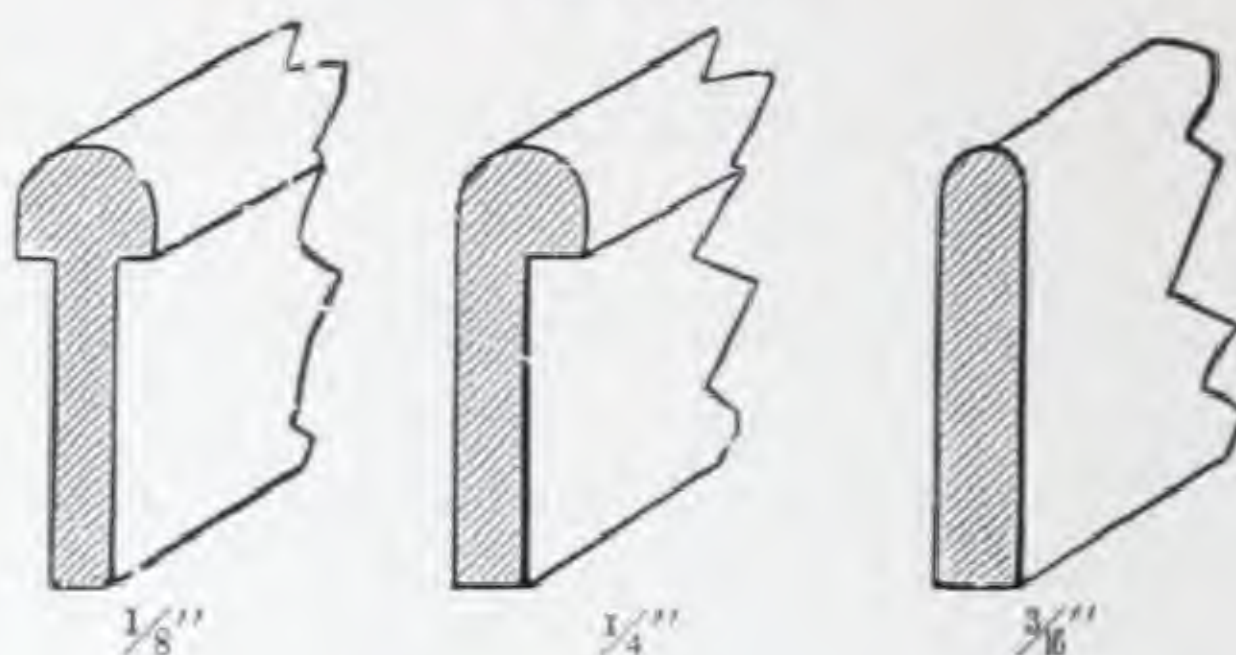
scales,
 triangles
 & Tee
 Sq's

 room
 turn-
 ture

The C.F. Pease Company

BARS FOR BEAM COMPASSES

Hardwood



No. 539—BEAM COMPASS BARS

Size, inches.....	24	30	36	42	48	60
Each	\$	\$	\$	\$	\$	\$

“CHICAGO” DRAWING INSTRUMENTS



No. 528

PLAIN DIVIDER
Improved Straighten-
ing Device

No. 528
5 3/4" \$



No. 529

**HAIRSPRING
DIVIDER**
Improved Straighten-
ing Device

No. 529
5 3/4" \$

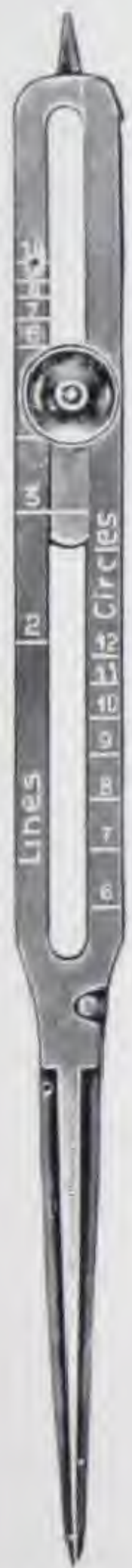


No. 542

No. 542 —6", for l
No. 543 —7", for l
No. 544 —7", for l
No. 544 1/2—7", for li
vet line
No. 545 —7", for li
ment, in

Drawing Instruments

IMPORTED DRAWING INSTRUMENTS



No. 542



No. 543



No. 544



No. 545

PROPORTIONAL DIVIDERS

- No. 542 —6", for lines and circles, in velvet lined case \$
- No. 543 —7", for lines and circles, in velvet lined case \$
- No. 544 —7", for lines, circles, with rack adjustment, in velvet lined case \$
- No. 544 1/2 —7", for lines, circles, planes and solids, with rack adjustment in velvet lined case \$
- No. 545 —7", for lines and circles, with rectangular bent points, rack adjustment, in velvet lined case \$

The C.F. Pease Company

"FRANKLIN" DRAWING INSTRUMENTS

Pease "FRANKLIN" Brand Drawing Instruments have identically the same mechanical quality and precision as Pease "Chicago" Brand Drawing Instruments, however they are not quite so highly polished.

All ruling pens are equipped with graduated thumb screw and line indicator.



PLAIN DIVIDER

Improved Straightening Device

No. 628

5 3/4" \$

HAIRSPRING DIVIDER

Improved Straightening Device

No. 629

5 3/4" \$



SPRING BLADE RULING PENS

Aluminum Handles—Ebony Finish

No. 603—4 1/2" long \$

No. 604—5" long

No. 605—5 1/2" long



No. 603

No. 604

No. 605



No. 621

No. 622

No. 623

SIDE SCREW ADJUSTMENT BOW INSTRUMENTS

No. 621—Bow Divider \$

No. 622—Bow Pencil \$

No. 623—Bow Pen \$

Drawing Instruments

"SERVICE" DRAWING INSTRUMENTS

Pease "SERVICE" Brand Drawing Instruments, while lower in price than Pease Chicago and Pease Franklin Drawing Instruments possess great rigidity and precision. In fact they will give service equal to that obtainable from higher grade instruments.

Pease "SERVICE" Instruments have been designed to meet the requirements of the student who demands serviceable and accurate drawing instruments at a moderate price. We highly recommend "Service" Drawing Instruments and give them our regular PEASE guarantee.

SEPARATE PIECES "SERVICE" BRAND DRAWING INSTRUMENTS

No. 703

4½" Spring Blade Ruling Pen \$

No. 705

5½" Spring Blade Ruling Pen

No. 728

5¾" Plain Divider

No. 730

5¾" Compass, with pen, pencil point and lengthening bar

No. 721

3½" Bow Divider, side screw adjustment

No. 722

3½" Bow Pencil, side screw adjustment

No. 723

3½" Bow Pen, side screw adjustment

COMPASSES AND DIVIDERS HAVE NO STRAIGHTENING
DEVICE—RULING PEN HANDLES ARE PLAIN
ALUMINUM

The C.F. Pease Company

IMPORTED GERMAN INSTRUMENTS

(Manufactured by Geo. Schoenner)

Finest Grade. Made of the highest grade hard rolled nickel-silver and best grade of tool steel. Highly finished. Incomparable workmanship. Made in semi-flat and square type styles. Special mechanical refinements embodied in the manufacture of these instruments in addition to important improvements in design insures ease of operation and mechanical perfection.

These instruments are recognized as the leading imported line offered at popular prices to the Engineer, Professional Draftsman, and Student.

All instruments fully guaranteed. These instruments are offered in sets of various assortments, and in separate pieces.



Compass Heads, Illustrating Straightening Device,
Used in Various Schoenner Sets



POCKET STYLE
LE

- 6" Compass, with steel needle, box and screw
- 8" Hairspring, d. replaceable
- 1 1/2" Compass, with steel needle
- 1 1/2" Drop Bow Pen
- 6" Swedish Detail
- 4 1/2" Ruling Pen, a
- 6 1/2" Ruling pen, a
- 2 1/2" Steel spring b
- 2 1/2" Steel spring b
- 2 1/2" Steel spring b
- Screw Driver.
- Horn Center.

Drawing Instruments

SCHOENNER DRAWING INSTRUMENTS Square Type Pattern



No. 855 ENGINEERS

POCKET STYLE CASE, FLEXIBLE END FLAPS, IN GENUINE MOROCCO
LEATHER, LINED WITH GREEN SILK VELVET

Comprising:

- 6" Compass, with pivot-joint head construction, straightening device, with fixed steel needle point, pen and pencil part, lengthening bar, combination lead box and screw driver.
- 6" Hairspring divider, with pivot-joint head construction, straightening device replaceable steel needle point.
- 4½" Compass, with pivot joint head construction, straightening device, with fixed steel needle point, pen and pencil part.
- 4½" Drop Bow Pen.
- 6" Swedish Detail Ruling Pen.
- 4½" Ruling Pen, aluminum handle, spring blade.
- 5½" Ruling pen, aluminum handle, spring blade.
- 3¾" Steel spring bow divider, center wheel adjustment.
- 3¾" Steel spring bow pen, center wheel adjustment.
- 3¾" Steel spring bow pencil, center wheel adjustment.
- Screw Driver.
- Horn Center.

Price \$

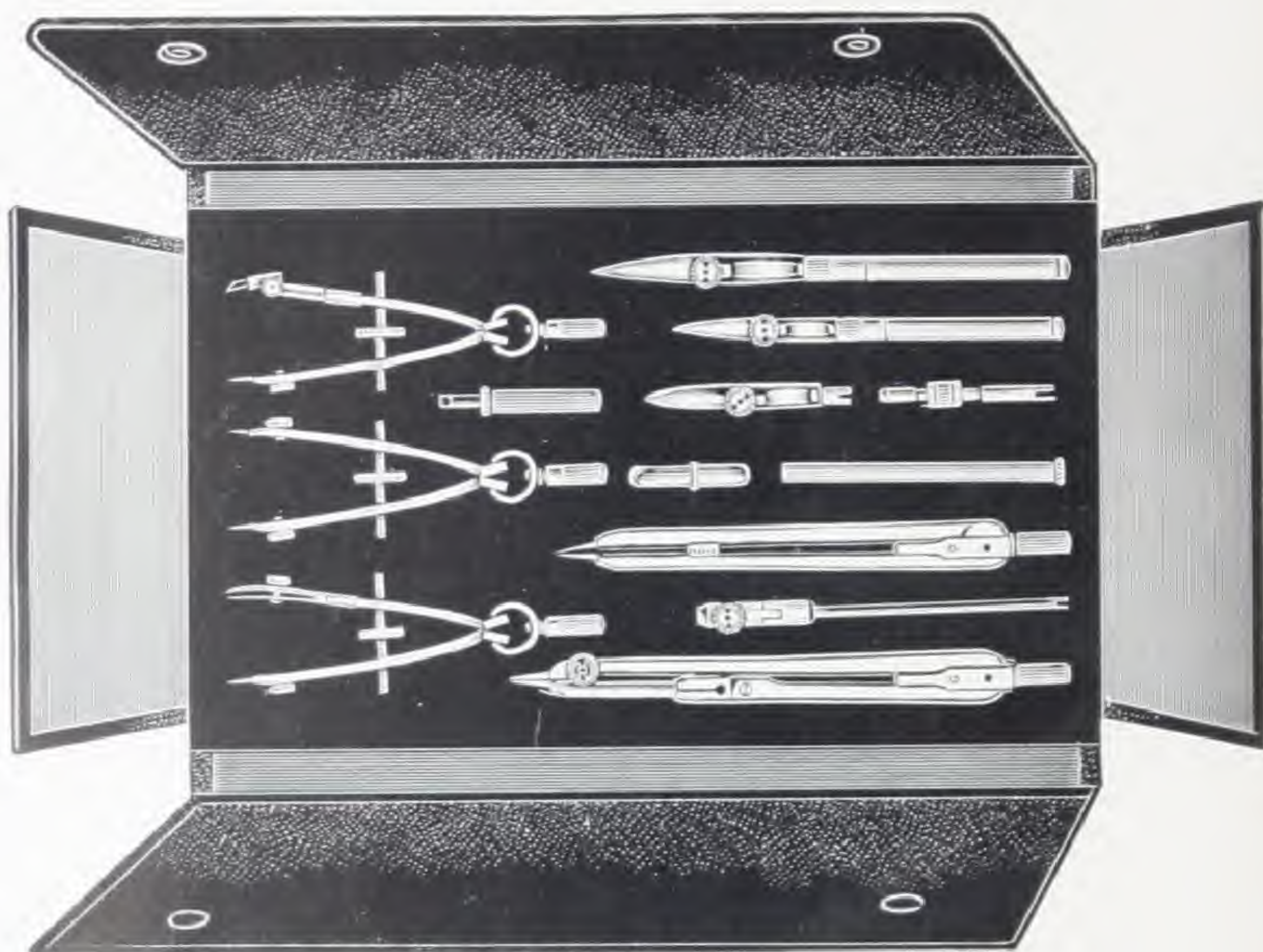
Scales,
Triangles
& Tee
Sq's

Room
Furniture

The C.F. Pease Company

SCHOENNER DRAWING INSTRUMENTS

Semi-Flat Pattern



No. 850 PROFESSIONAL

POCKET STYLE CASE, FLEXIBLE END FLAPS, IN IMITATION MOROCCO LEATHER, LINED WITH GREEN SILK VELVET

Comprising:

- 6" Compass, with pivot-joint head construction, lever straightening device, with replaceable steel needle points, pen part with release slide catch, pencil part, lengthening bar, extra metal handle, combination key and lead box.
- 5 1/4" Hairspring divider with pivot-joint.
- 4 3/4" Ruling pen, aluminum handle, spring blade.
- 5 1/2" Ruling pen, aluminum handle, spring blade.
- 4 1/4" Circular spring bow divider, center wheel adjustment.
- 4 1/4" Circular spring bow pen, center wheel adjustment.
- 4 1/2" Circular spring bow pencil, center wheel adjustment.

Price \$

No. 851 PROFESSIONAL

Same set as No. 850, bound in genuine Morocco leather, lined with green silk velvet.

Price \$

Drawing Instruments

SCHOENNER DRAWING INSTRUMENTS

Semi-Flat Pattern



No. 840 NONPAREIL

POCKET STYLE CASE, FLEXIBLE END FLAPS, IN IMITATION MOROCCO LEATHER, LINED WITH GREEN SILK VELVET

Comprising:

- 6" Compass, with pivot-joint head construction, lever straightening device, with replaceable steel needle points, pen part with release slide catch, pencil part, lengthening bar, extra metal handle, combination key and lead box.
- 5 3/4" Hairspring divider with pivot-joint.
- 4 1/2" Ruling pen, aluminum handle, spring blade.
- 5 1/2" Ruling pen, aluminum handle, spring blade.
- 3 1/2" Steel spring bow divider, center wheel adjustment.
- 3 1/2" Steel spring bow pen, center wheel adjustment.
- 3 1/2" Steel spring bow pencil, center wheel adjustment.

Price \$

No. 841 NONPAREIL

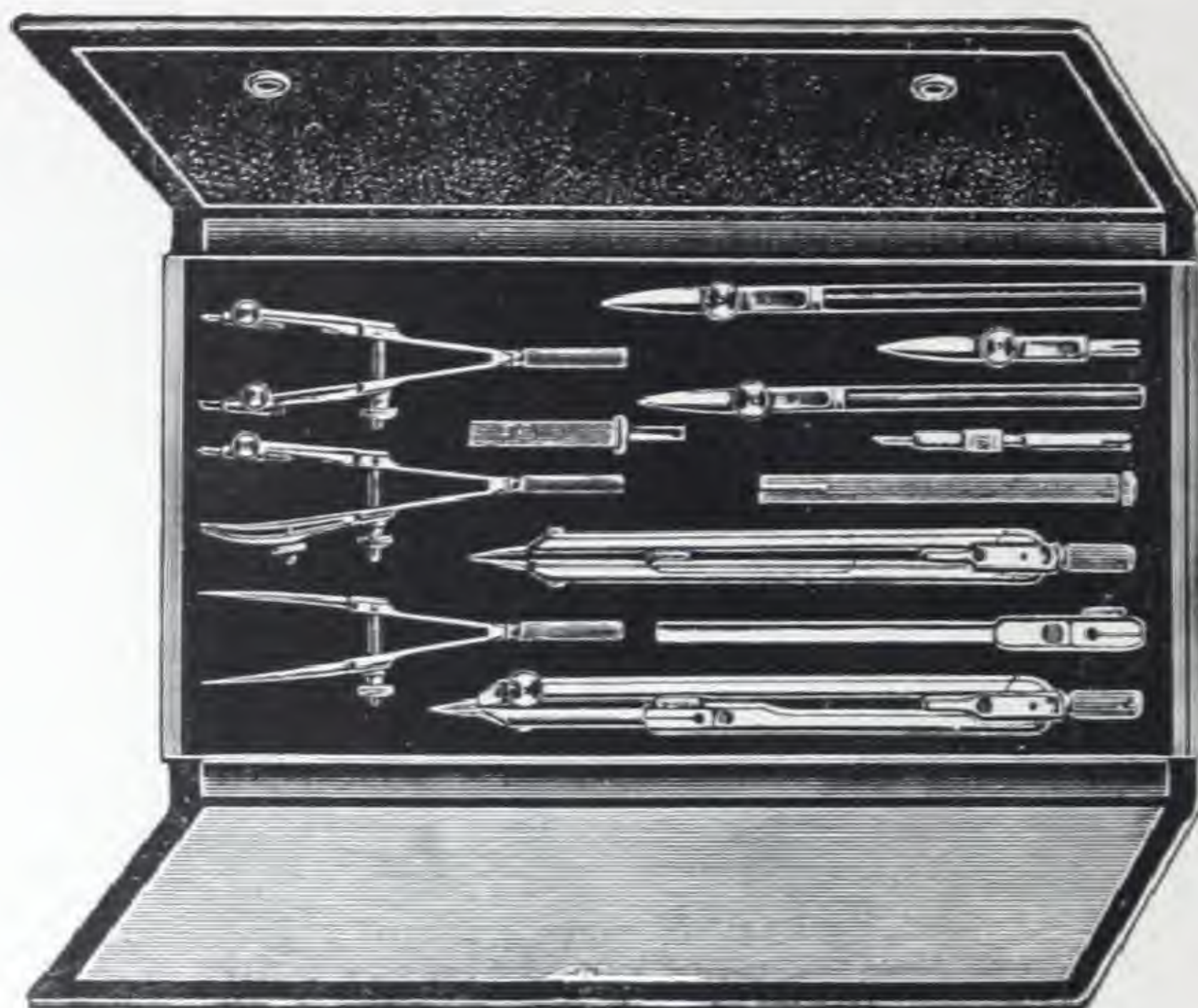
Same set as No. 840, bound in genuine Morocco leather, lined with green silk velvet.

Price \$

The C.F. Pease Company

SCHOENNER DRAWING INSTRUMENTS

Semi-Flat Pattern



No. 830 NONPAREIL

POCKET STYLE CASE, FLEXIBLE END FLAPS, IN IMITATION
MOROCCO LEATHER, LINED WITH GREEN SILK VELVET

Comprising:

- 6" Compass, with pivot-joint head construction, lever straightening device, with replaceable steel needle points, pen part with release slide catch, pencil part, lengthening bar, extra metal handle, combination key and lead box.
- 5 3/4" Hairspring divider with pivot-joint.
- 4 1/2" Ruling pen, aluminum handle, spring blade.
- 5 1/2" Ruling pen, aluminum handle, spring blade.
- 3 1/2" Steel spring bow divider, side screw adjustment.
- 3 1/2" Steel spring bow pen, side screw adjustment.
- 3 1/2" Steel spring bow pencil, side screw adjustment.

Price \$

No. 831 NONPAREIL

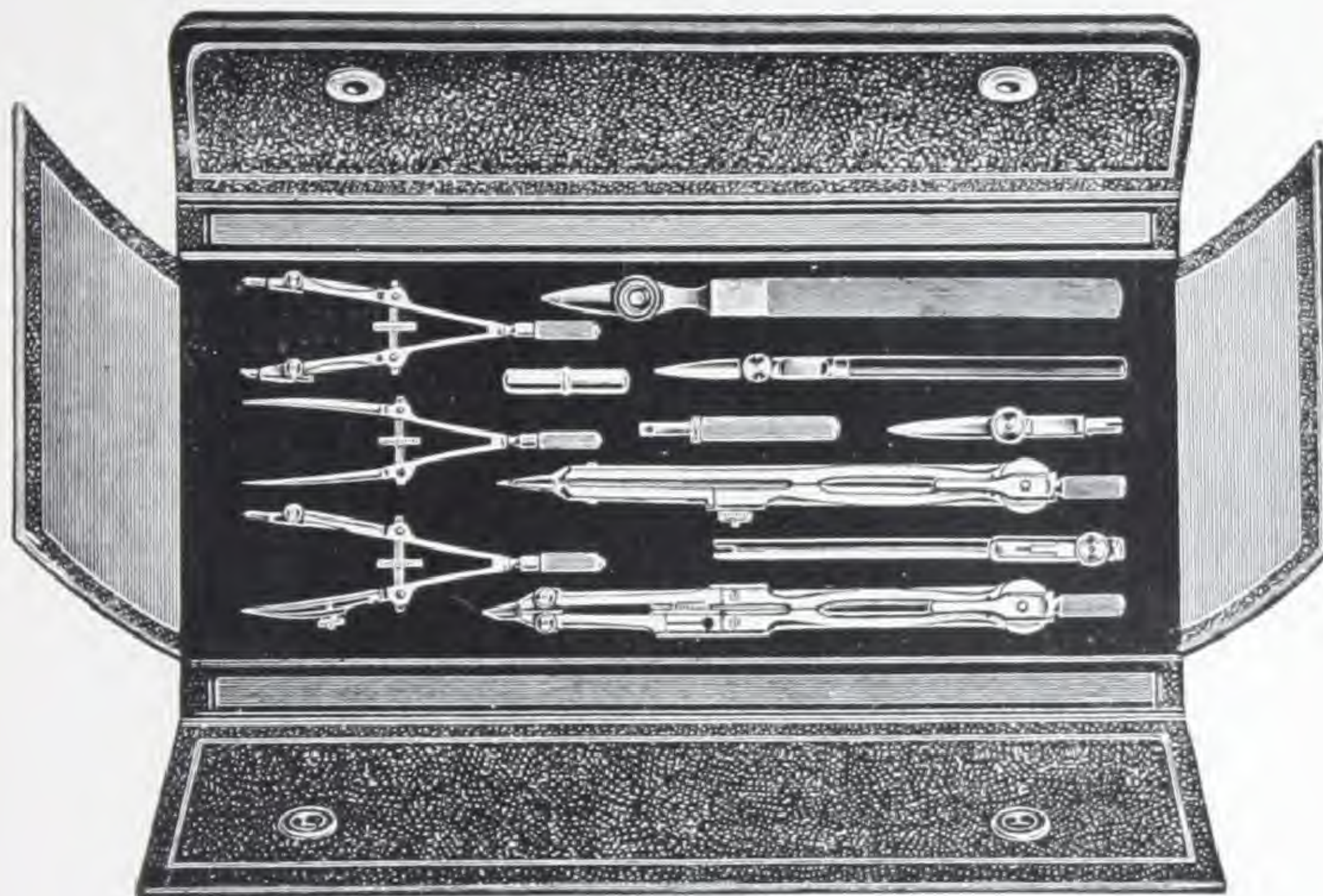
Same set as No. 830, bound in genuine Morocco leather, lined with green silk velvet.

Price \$

Drawing Instruments

SCHOENNER DRAWING INSTRUMENTS

Square Type Pattern



No. 832 SUPERIOR

POCKET STYLE CASE, FLEXIBLE END FLAPS, IN IMITATION MORROCO LEATHER, LINED WITH GREEN SILK VELVET

Comprising:

- 6" Compass, with pivot-joint head construction, straightening device, with fixed steel needle point, pen and pencil part, lengthening bar, combination lead box and screw driver.
- 6" Hairspring divider with pivot-joint head construction, straightening device, replaceable steel needle point.
- 4½" Ruling pen, aluminum handle, spring blade.
- 6" Swedish Detail Pen.
- 3½" Steel spring bow divider, center wheel adjustment.
- 3½" Steel spring bow pen, center wheel adjustment.
- 3½" Steel spring bow pencil, center wheel adjustment.

Price \$

No. 833 SUPERIOR

Same set as No. 832, but with side screw adjustment on Bow Instruments.

Price \$

The C.F. Pease Company

SCHOENNER DRAWING INSTRUMENTS Square Type Pattern



No. 820 SENIOR

POCKET STYLE CASE, FLEXIBLE END FLAPS, IN IMITATION MORROCO
LEATHER, LINED WITH GREEN SILK VELVET

Comprising:

- 6" Compass, with pivot-joint head construction, straightening device, fixed needle point, pen and pencil parts and lengthening bar.
- 6" Hairspring divider, pivot-joint head construction, straightening device, replaceable steel needle points.
- 4½" Ruling pen, aluminum handle, spring blade with slide catch.
- 5½" Ruling pen, aluminum handle, spring blade with slide catch.
- 3½" Circular head spring bow divider, center wheel adjustment.
- 3½" Circular head spring bow pen, center wheel adjustment.
- 3½" Circular head spring bow pencil, center wheel adjustment.
- Lead Box.
- Screw Driver.

Price \$

No. 810 SENIOR

Same set as No. 820, but with 3½" Steel Spring Bow Divider, Bow Pen and Bow Pencil with side screw adjustments.

Price \$

No. 815 SENIOR

Same type set with same number of pieces as No. 810 but with Spring Blade Ruling Pen Black wood handle without slide.

Price \$

Drawing Instruments

SCHOENNER DRAWING INSTRUMENTS

Flat Pattern



No. 805 JUNIOR

POCKET STYLE CASE, FLEXIBLE END FLAPS, IN IMITATION MOROCCO
LEATHER, LINED WITH GREEN SILK VELVET

Comprising:

- 6" Compass, with pivot-joint head construction, straightening device, replaceable steel needle point, pen part with release lever, pencil part, lengthening bar, metal handle.
- 5 $\frac{3}{4}$ " Hairspring divider, pivot-joint, removable steel point.
- 5 $\frac{1}{2}$ " Ruling pen, aluminum handle, with release lever.
- 4 $\frac{1}{2}$ " Ruling pen, aluminum handle, with release lever.
- 3 $\frac{1}{2}$ " Circular head spring bow divider, center wheel adjustment.
- 3 $\frac{1}{2}$ " Circular head spring bow pen, center wheel adjustment.
- 3 $\frac{1}{2}$ " Circular head spring bow pencil, center wheel adjustment.
- Lead Box.
- Screw Driver.

Price \$

No. 800 JUNIOR

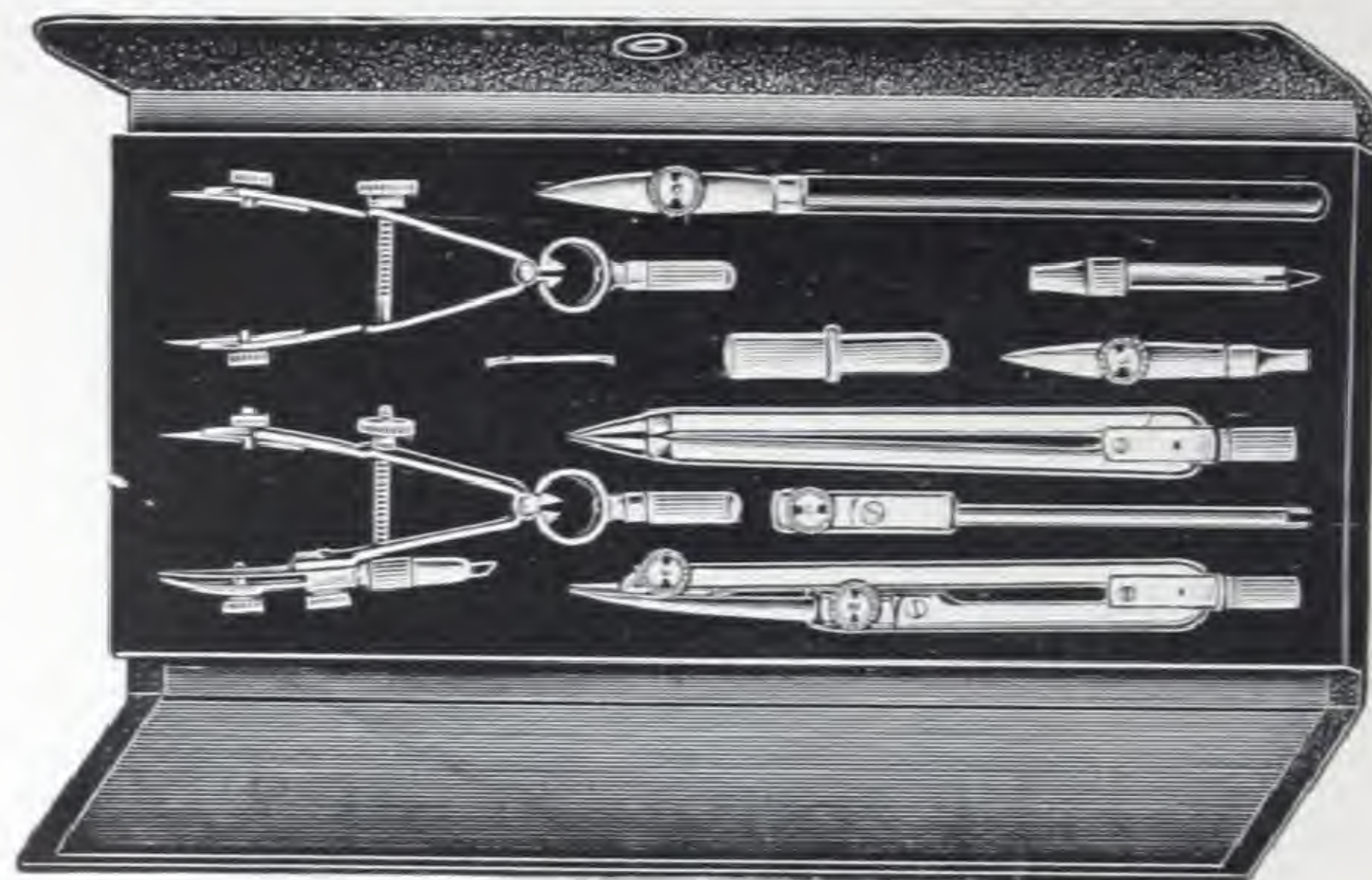
Same set as No. 805, but with 3 $\frac{1}{2}$ " Steel Spring Bow Divider, Bow Pen and Bow Pencil with side screw adjustments.

Price \$

The C.F. Pease Company

SCHOENNER DRAWING INSTRUMENTS

Flat Pattern



No. 760 DURABLE

POCKET STYLE CASE, IMITATION LEATHER,
GREEN VELVET LINED

Comprising:

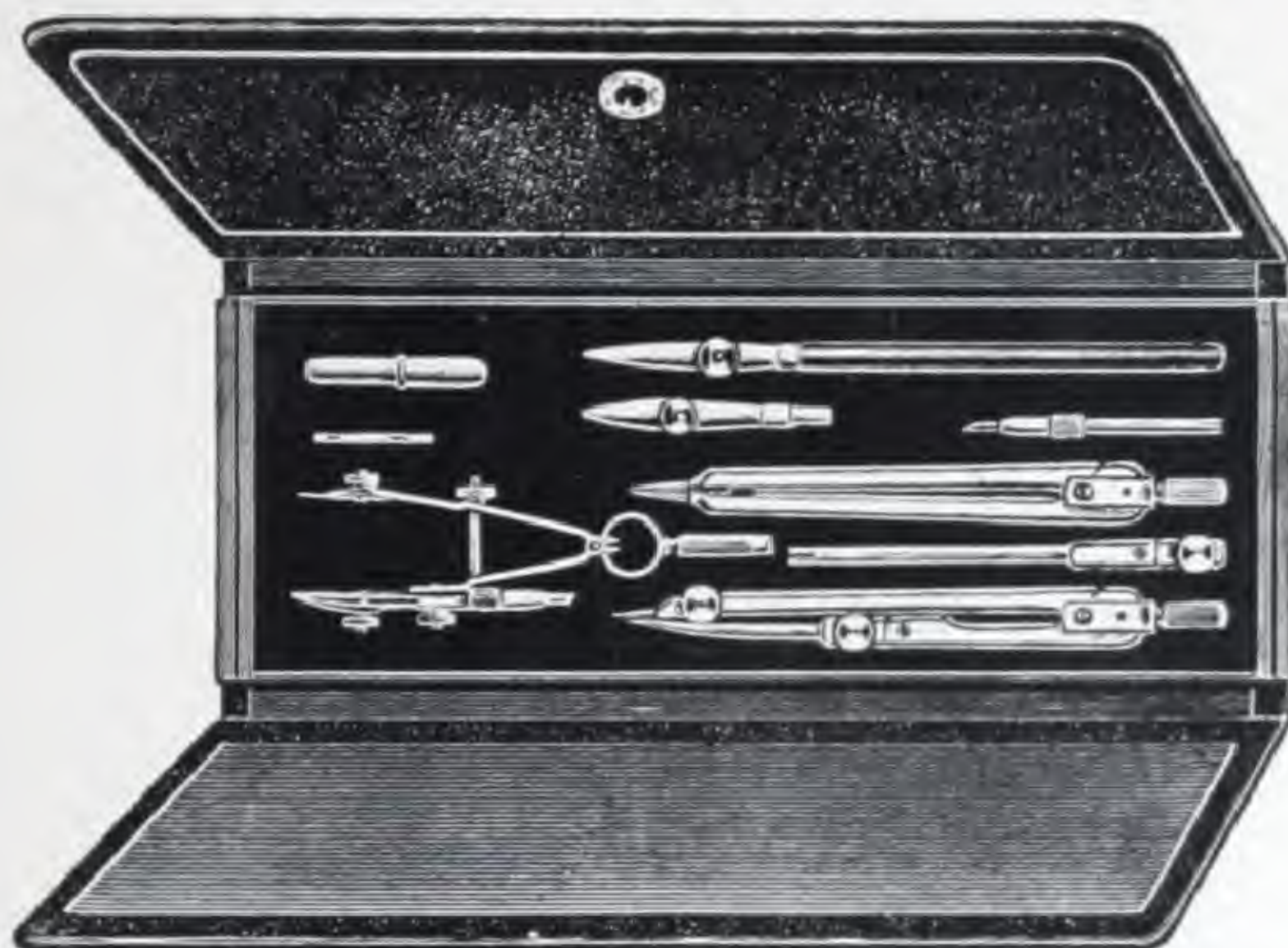
- 5" Compass, no straightening device, with replaceable needle point, pen part, pencil part and lengthening bar.
- 5" Plain Divider.
- 3½" Circular folding side screw spring bow with pen and pencil.
- 3½" Circular spring side screw bow divider.
- 4¾" Ruling pen, metal handle.
- Lead Box.
- Screw Driver.

Price \$.....

Drawing Instruments

SCHOENNER DRAWING INSTRUMENTS

Flat Pattern



No. 765 DURABLE

POCKET STYLE CASE, IMITATION LEATHER,
GREEN VELVET LINED

Comprising:

- 5" Compass, no straightening device, with replaceable needle point, pen part, pencil part and lengthening bar.
- 5" Plain Divider.
- 3½" Circular folding side screw spring bow with pen and pencil.
- 4¾" Ruling pen, metal handle.
- Lead Box.
- Screw Driver.

Price \$

The C.F. Pease Company

IMPORTED GERMAN INSTRUMENTS

PIECES USED IN SETS Nos. 855, 833, 832



No. 920



No. 921



No. 929

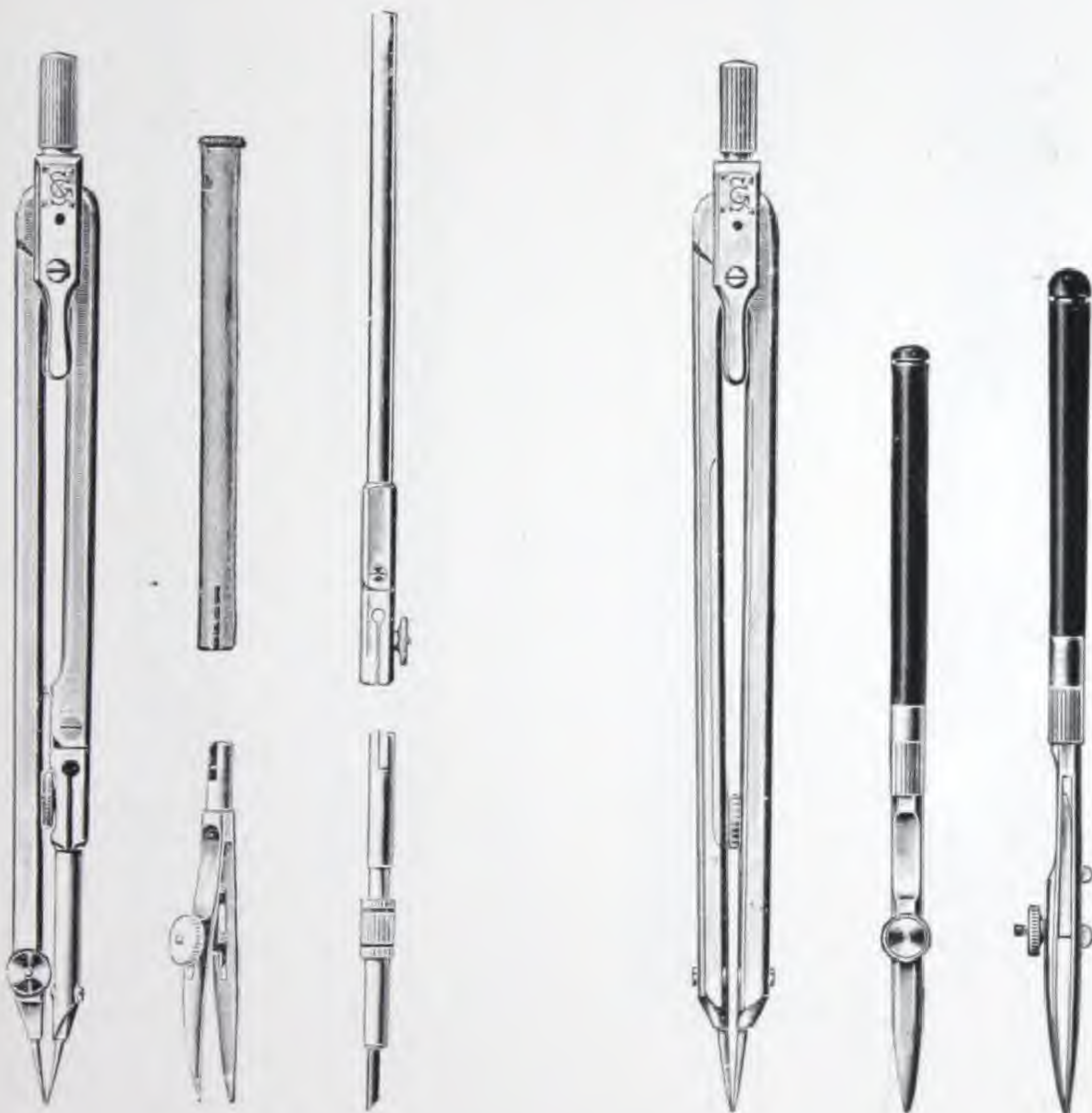
- | | |
|---|-----------------------|
| <p>No. 920—COMPASS, 6", with pivot-joint, lever straightening device, fixed needle point, pen point, pencil point, lengthening bar with joint, combination key and lead box.</p> <p>No. 920 1/2—COMPASS, 4 1/2", same as No. 920 except 1 1/2" shorter.</p> <p>No. 921—HAIRSPRING DIVIDER, 6", with pivot-joint, straightening device, replaceable steel points.</p> <p>No. 929—SWEDISH DETAIL RULING PEN, 6", upper blade with spring flat black enamel aluminum handle.</p> | <p>Each</p> <p>\$</p> |
|---|-----------------------|

Drawing Instruments

IMPORTED GERMAN INSTRUMENTS

Finest Grade German Silver and Best Tool Steel

PIECES AS USED IN SETS Nos. 850, 840, 830



No. 900

No. 901

No. 908

No. 909

Each

No. 900—COMPASS, 6", with pivot-joint, lever straightening device, with replaceable needle points, pen and pencil points, lengthening bar, metal handle combination key and lead box.....\$.....

No. 901—HAIRSPRING DIVIDER, 5 3/4", replaceable steel points.....

No. 908—RULING PEN, 4 1/2", spring blade.....

No. 909—RULING PEN, 5 1/2", spring blade.....

The C.F. Pease Company

IMPORTED GERMAN INSTRUMENTS

PIECES AS USED IN SETS Nos. 820, 815, 810



No. 930



No. 931



No. 939

	Each
No. 930—COMPASS, 6", with fixed needle point, pen and pencil parts and lengthening bar	\$
No. 931—HAIRSPRING DIVIDER, 6", with triangular legs	
No. 938—RULING PEN, 4 1/2", with release lever, metal handle	
No. 939—RULING PEN, 5 1/2", with release lever, metal handle	

No. 940—COM
with r

No. 941—HAIR

Drawing Instruments

IMPORTED GERMAN INSTRUMENTS

PIECES AS USED IN SETS Nos. 805, 800



No. 940



No. 941

Each

No. 940—COMPASS, 6", replaceable needle point, one steel point, pen part with release lever, pencil part lengthening bar, metal handle \$

No. 941—HAIRSPRING DIVIDER, 5 3/4", with removable steel points \$

The C.F. Pease Company

IMPORTED GERMAN INSTRUMENTS

PIECES AS USED IN SETS Nos. 855, 840, 832



No. 912



No. 913



No. 914

Each

No. 912—STEEL SPRING BOW DIVIDER, center wheel adjustment, $3\frac{1}{2}$ " \$

No. 913—STEEL SPRING BOW PENCIL, center wheel adjustment, $3\frac{1}{2}$ " \$

No. 914—STEEL SPRING BOW PEN, center wheel adjustment, $3\frac{1}{2}$ " \$

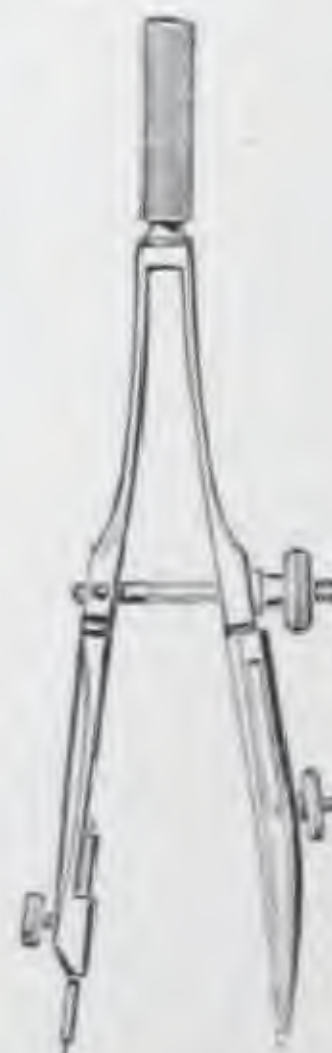
BOWS USED IN SETS Nos. 833, 815, 810



No. 935



No. 936



No. 937

Each

No. 935—STEEL SPRING BOW DIVIDER, $3\frac{1}{2}$ ", side screw adjustment \$

No. 936—STEEL SPRING BOW PENCIL, $3\frac{1}{2}$ ", side screw adjustment \$

No. 937—STEEL SPRING BOW PEN, $3\frac{1}{2}$ ", side screw adjustment \$



No. 902

No. 902—CIRC

$4\frac{1}{4}$ "

No. 903—CIRC

No. 904—CIRC



No. 905

No. 905—STEEL

No. 906—STEEL

No. 907—STEEL

Drawing Instruments

IMPORTED GERMAN INSTRUMENTS

PIECES AS USED IN SETS Nos. 850, 830



No. 902



No. 903



No. 904

Each

No. 902—CIRCULAR SPRING BOW DIVIDER, center wheel adjustment, $4\frac{1}{4}$ " \$

No. 903—CIRCULAR SPRING BOW PENCIL, center wheel adjustment, $4\frac{1}{4}$ " \$

No. 904—CIRCULAR SPRING BOW PEN, center wheel adjustment, $4\frac{1}{4}$ " \$



No. 905



No. 906



No. 907

Each

No. 905—STEEL SPRING BOW DIVIDER, side screw adjustment, $3\frac{1}{2}$ " \$

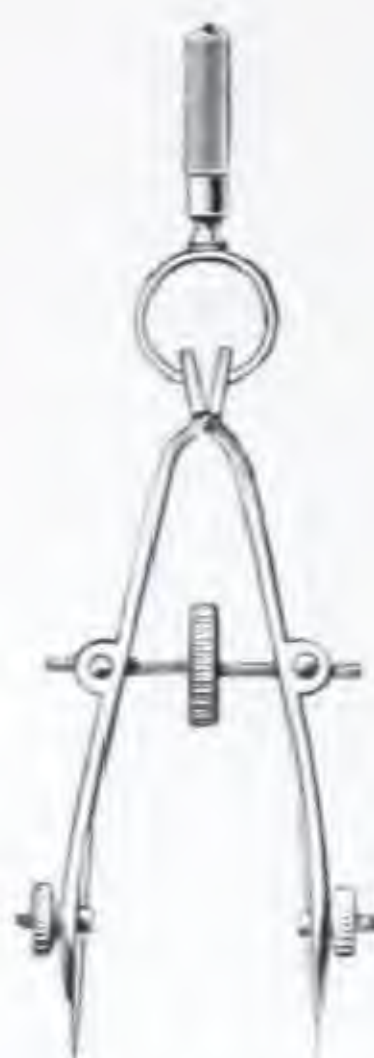
No. 906—STEEL SPRING BOW PENCIL, side screw adjustment, $3\frac{1}{2}$ " \$

No. 907—STEEL SPRING BOW PEN, side screw adjustment, $3\frac{1}{2}$ " \$

The C.F. Pease Company

IMPORTED GERMAN INSTRUMENTS

PIECES AS USED IN SETS Nos. 820, 805, 800



No. 942



No. 943



No. 944

Each

No. 942—CIRCULAR SPRING BOW DIVIDER, 3 1/2", center wheel adjustment

No. 943—CIRCULAR SPRING BOW PENCIL, 3 1/2", center wheel adjustment

No. 944—CIRCULAR SPRING BOW PEN, 3 1/2", center wheel adjustment



No. 945



No. 946



No. 947

Each

No. 945—STEEL SPRING BOW DIVIDER, 3 1/2", side screw adjustment

No. 946—STEEL SPRING BOW PENCIL, 3 1/2", side screw adjustment

No. 947—STEEL SPRING BOW PEN, 3 1/2", side screw adjustment



No.

No. 955—CIRCULAR SPRING BOW DIVIDER, 3 1/2"

No. 956—CIRCULAR FOLDING SPRING BOW, 3 1/2", with pencil and pencil

No. 957—CIRCULAR SPRING BOW DIVIDER, 3 1/2"

No. 958—RULING

Drawing Instruments

IMPORTED GERMAN INSTRUMENTS

PIECES AS USED IN SETS Nos. 765, 760



No. 950



No. 951

No. 950—COMPASS, 5" with replaceable needle point, pen and pencil part, lengthening bar . . \$

Each

No. 951—PLAIN DIVIDER, 5"

No. 955—CIRCULAR SPRING BOW PEN 3½" \$

Each

No. 956—CIRCULAR FOLDING SPRING BOW, 3½", with pen and pencil

No. 957—CIRCULAR SPRING BOW DIVIDER, 3½"

No. 958—RULING PEN 4¾"



No. 955



No. 956



No. 958

Scales, Triangles & Tee Sq's

ing room furniture

The C.F. Pease Company

SCHOENNER DRAWING INSTRUMENTS



No. 980



No. 990

COMBINATION SCHOOL COMPASS

No. 980—COMBINATION SCHOOL COMPASS, nickel-plated brass, especially adapted for first-year students and elementary work. Includes 5½" size compass with combination swivel pen and pencil point, lead box and key in cardboard box. Each \$

BEGINNERS' COMPASS

No. 990—COMPASS. For student beginners. A durable and well constructed compass made of nickel-plated brass with adjustable pencil point and solid steel needle point. Very practical. Particularly adapted for school use. Compass, 5" size, with key and lead box. \$



SPAR
Be sure to

No. 992

No. 992—CENTE
No. 90003—LENG
No. 94003—LENG
No. 90004—META
No. 94004—META

No. 900

No. 90019—NEEDLE
No. 90119—NEEDLE
No. 90292—NEEDLE
No. 92019—NEEDLE

Drawing Instruments

SPARE PARTS FOR SCHOENNER INSTRUMENTS

Be sure to specify No. of instruments for which parts are to be used



No. 992



No. 90003



No. 94003



No. 90004



No. 94004

No. 992—CENTER TACKS.....	Each
No. 90003—LENGTHENING BAR.....	\$.....
No. 94003—LENGTHENING BAR.....	.....
No. 90004—METAL HANDLE.....	.....
No. 94004—METAL HANDLE.....	.....



No. 90019



No. 90119



No. 90292



No. 92019

No. 90019—NEEDLES, for all compasses except Nos. 920 and 930.....	Each
No. 90119—NEEDLES, for all large dividers.....	\$.....
No. 90292—NEEDLES, for all bow instruments.....	.....
No. 92019—NEEDLES, for compasses Nos. 920 and 930.....	.....

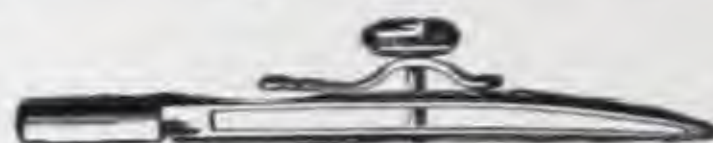
The C.F. Pease Company

SPARE PARTS FOR SCHOENNER INSTRUMENTS

Be sure to specify No. of instruments for which parts are to be used



No. 90001



No. 94001

Each

No. 90001—PEN POINTS

No. 94001—PEN POINTS



No. 90002



No. 94002

Each

No. 90002—PENCIL POINTS

No. 94002—PENCIL POINTS



No. 993

Each

No. 993—SCREW DRIVER



90005



90007



90013



90281



90284



90589



95852

Each

No. 90005—SPINDLES AND SCREWS, for holding parts to compasses

No. 90007—SPINDLES AND SCREWS, for holding needle holder to compasses

No. 90013—SPINDLES AND SCREWS, for lengthening bars for compasses

No. 90281—SPINDLES AND SCREWS, for center wheel bow instruments

No. 90284—SPINDLES AND SCREWS, for bow instruments

No. 90589—SPINDLES AND SCREWS, for side wheel bow instruments

No. 95852—SPINDLES AND SCREWS, for ruling pens



No. 90020



No. 94020



No. 91920

Each

No. 90020—STEEL POINTS

No. 91920—STEEL POINTS

No. 94020—STEEL POINTS



No. 994

Each

No. 994—LEAD BOX

**SCALES
TRIANGLES
STRAIGHTEDGES
T SQUARES**

ALL our goods are made with the greatest care from thoroughly seasoned materials, finished carefully and warranted accurate.

**BOXWOOD AND WHITE
EDGE SCALES**

Our scales are made from the finest Boxwood, thoroughly seasoned, and divided and finished with the greatest accuracy. We list and carry in stock a very complete line.



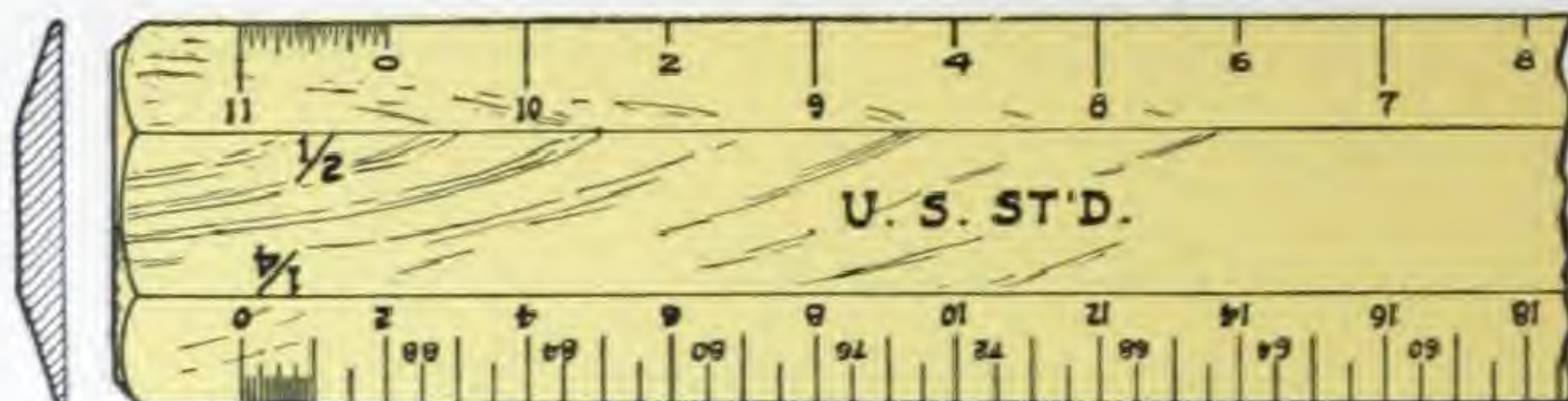
Scales,
Triangles
& Tee
Sq's

ing
Room
Furni-
ture

The C.F. Pease Company

BOXWOOD SCALES

FLAT—U. S. STANDARD



No. 1003

Divided: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, 1 inch to the foot.

	Each
No. 1001—BOXWOOD SCALE, flat, 6 inch.....	\$.....
No. 1003—BOXWOOD SCALE, flat, 12 inch.....	\$.....
No. 1005—BOXWOOD SCALE, flat, 12½ inch.....	\$.....
No. 1007—BOXWOOD SCALE, flat, 18 inch.....	\$.....
No. 1009—BOXWOOD SCALE, flat, 24 inch.....	\$.....

Divided: $\frac{3}{8}$, $\frac{3}{4}$, 1½, 3 inches to the foot.

	Each
No. 1011—BOXWOOD SCALE, flat, 6 inch.....	\$.....
No. 1013—BOXWOOD SCALE, flat, 12 inch.....	\$.....
No. 1015—BOXWOOD SCALE, flat, 18 inch.....	\$.....
No. 1017—BOXWOOD SCALE, flat, 24 inch.....	\$.....

FLAT BOXWOOD SCALES, BEVELED ON BOTH SIDES



No. 1026

Divided: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, 1x $\frac{3}{8}$, $\frac{3}{4}$, 1½, 3 inches to the foot.

	Each
No. 1025—BOXWOOD SCALE, flat, 6 inch, both sides beveled.....	\$.....
No. 1026—BOXWOOD SCALE, flat, 12 inch, both sides beveled.....	\$.....
No. 1028—BOXWOOD SCALE, flat, 18 inch, both sides beveled.....	\$.....
No. 1029—BOXWOOD SCALE, flat, 24 inch, both sides beveled.....	\$.....

No. 1030—BOX
No. 1031—BOX
No. 1033—BOX
No. 1035—BOX
No. 1036—BOX
No. 1037—BOX
No. 1038—BOX
No. 1040—BOX
No. 1041—BOX
No. 1043—BOX
No. 1045—BOX
No. 1046—BOX
No. 1047—BOX
No. 1048—BOX

The Oppos
they can be pick
when in use.

No. 1061—BOX
No. 1063—BOX

No. 1067—BOX
No. 1069—BOX

BOXWOOD SCALES FLAT—U. S. STANDARD CHAIN SCALES

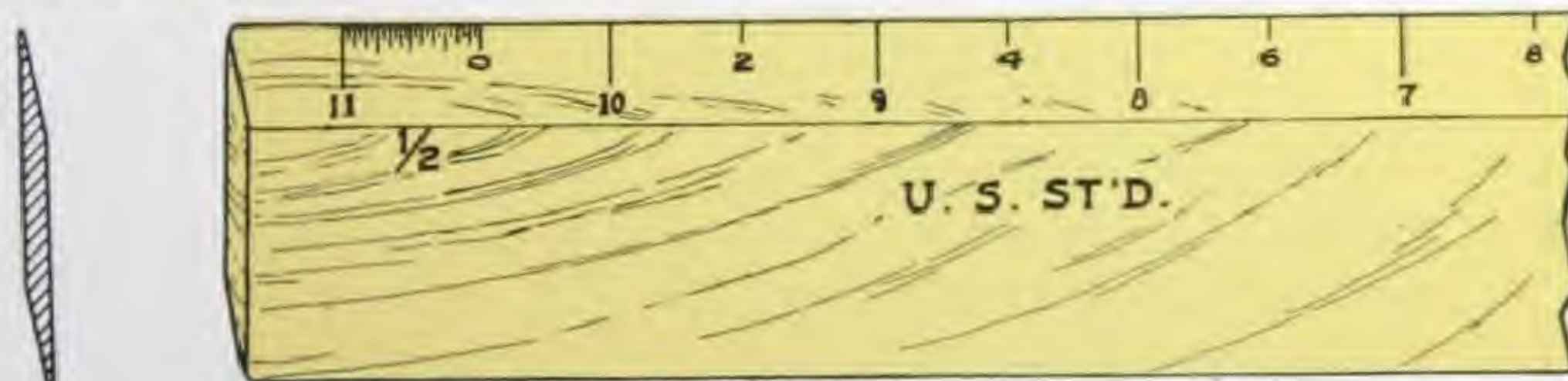


No. 1040

		Each
No. 1030—BOXWOOD SCALE, flat,	6 inch, 10x 20 parts to the inch	\$
No. 1031—BOXWOOD SCALE, flat,	6 inch, 10x 50 parts to the inch	.....
No. 1033—BOXWOOD SCALE, flat,	6 inch, 20x 40 parts to the inch	.....
No. 1035—BOXWOOD SCALE, flat,	6 inch, 30x 60 parts to the inch	.....
No. 1036—BOXWOOD SCALE, flat,	6 inch, 40x 80 parts to the inch	.....
No. 1037—BOXWOOD SCALE, flat,	6 inch, 50x100 parts to the inch	.....
No. 1038—BOXWOOD SCALE, flat,	6 inch, 80x100 parts to the inch	.....
No. 1040—BOXWOOD SCALE, flat,	12 inch, 10x 20 parts to the inch	.....
No. 1041—BOXWOOD SCALE, flat,	12 inch, 10x 50 parts to the inch	.....
No. 1043—BOXWOOD SCALE, flat,	12 inch, 20x 40 parts to the inch	.....
No. 1045—BOXWOOD SCALE, flat,	12 inch, 30x 60 parts to the inch	.....
No. 1046—BOXWOOD SCALE, flat,	12 inch, 40x 80 parts to the inch	.....
No. 1047—BOXWOOD SCALE, flat,	12 inch, 50x100 parts to the inch	.....
No. 1048—BOXWOOD SCALE, flat,	12 inch, 80x100 parts to the inch	.....

OPPOSITE BEVEL BOXWOOD SCALES

The Opposite Bevel Scales are an improvement over the ordinary flat shape, as they can be picked up more readily, and present only one graduated bevel to the eye when in use.



No. 1063

Divided: $\frac{1}{8}$, $\frac{1}{4} \times \frac{1}{2}$, 1 inch to the foot.

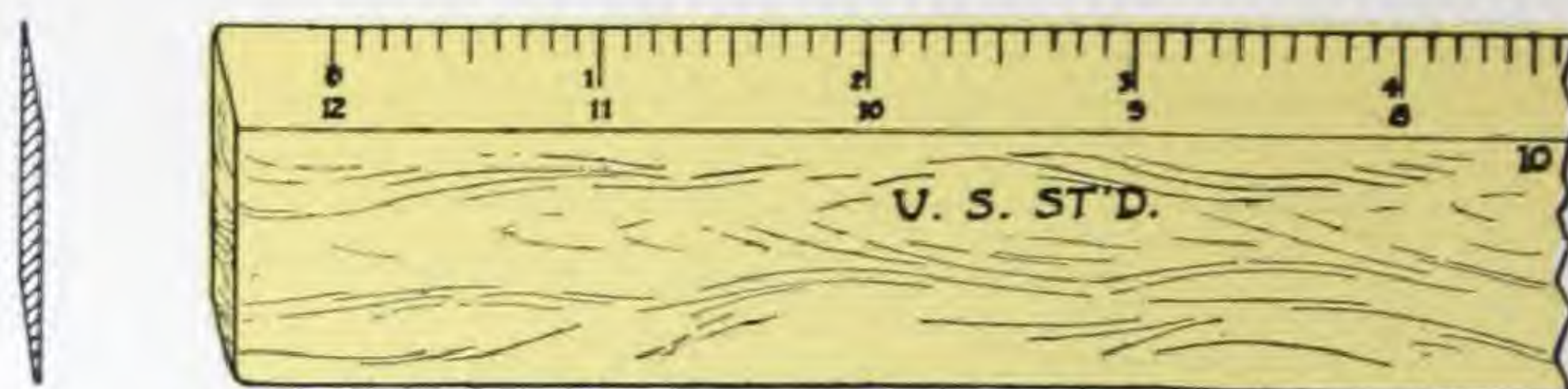
	Each
No. 1061—BOXWOOD SCALE, opposite bevel, 6 inch	\$
No. 1063—BOXWOOD SCALE, opposite bevel, 12 inch

Divided: $\frac{3}{8}$, $\frac{3}{4} \times 1\frac{1}{2}$, 3 inches to the foot.

	Each
No. 1067—BOXWOOD SCALE, opposite bevel, 6 inch	\$
No. 1069—BOXWOOD SCALE, opposite bevel, 12 inch

The C.F. Pease Company

BOXWOOD SCALES Opposite Bevel Chain Scales

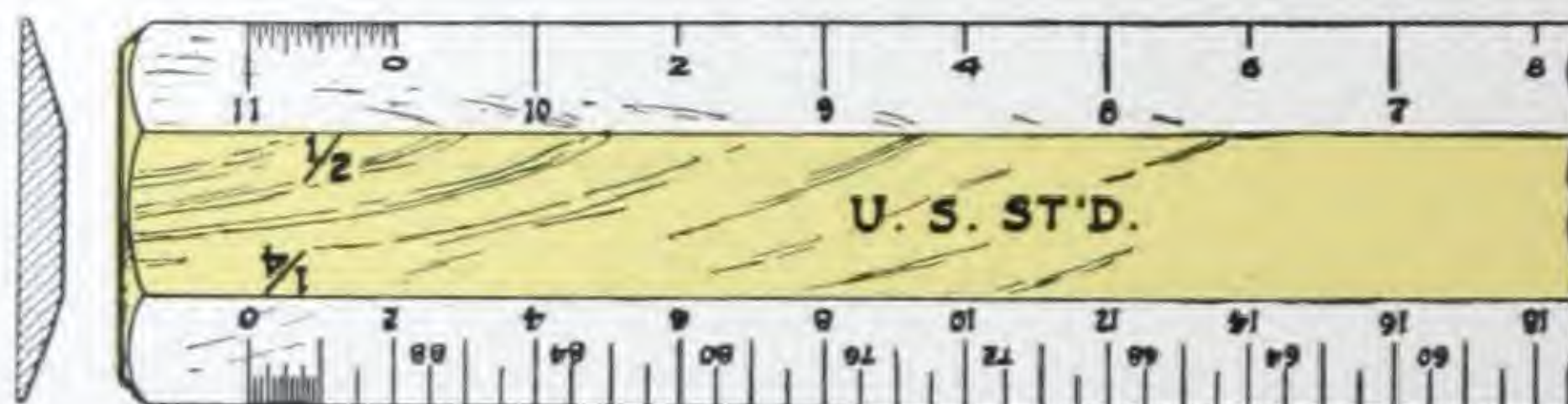


No. 1073

Divided: 10x50 parts to the inch.

	Each
No. 1071—BOXWOOD CHAIN SCALE, opposite bevel, 6 inch	\$
No. 1073—BOXWOOD CHAIN SCALE, opposite bevel, 12 inch	\$

WHITE EDGE SCALES Flat—U. S. Standard



No. 1102

Divided: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, 1 inch to the foot.

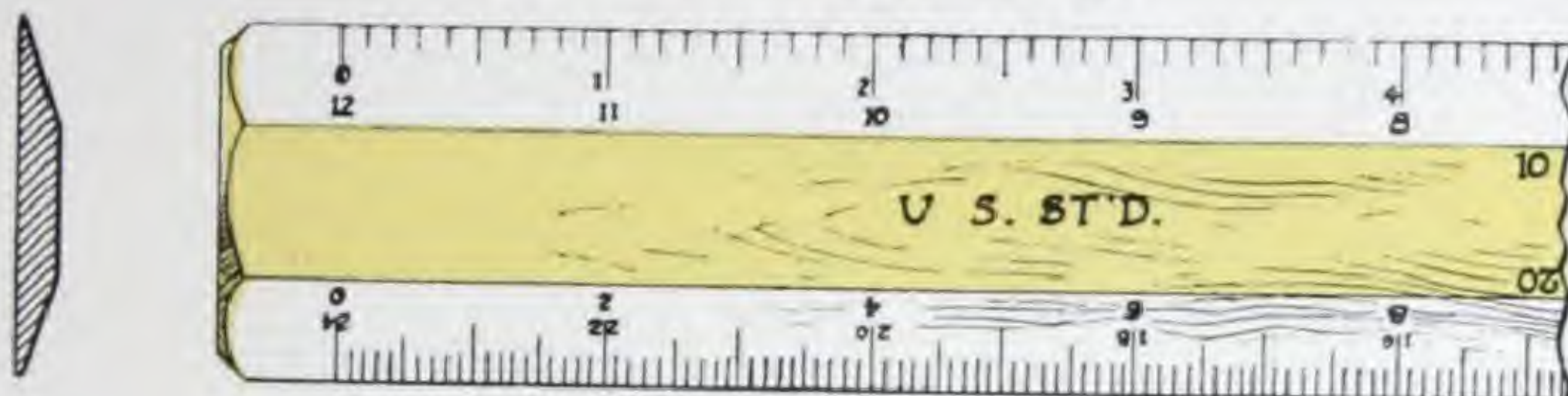
	Each
No. 1100—WHITE EDGE SCALE, flat, 6 inch	\$
No. 1102—WHITE EDGE SCALE, flat, 12 inch	\$
No. 1104—WHITE EDGE SCALE, flat, 12 $\frac{1}{2}$ inch	\$
No. 1106—WHITE EDGE SCALE, flat, 18 inch	\$
No. 1108—WHITE EDGE SCALE, flat, 24 inch	\$

Divided: $\frac{3}{8}$, $\frac{1}{2}$, 1 $\frac{1}{2}$, 3 inches to the foot.

	Each
No. 1110—WHITE EDGE SCALE, flat, 6 inch	\$
No. 1112—WHITE EDGE SCALE, flat, 12 inch	\$
No. 1114—WHITE EDGE SCALE, flat, 18 inch	\$
No. 1116—WHITE EDGE SCALE, flat, 24 inch	\$

Drafting and Engineering Supplies

WHITE EDGE CHAIN SCALES FLAT—U. S. STANDARD



No. 1130

- | | Each |
|---|------|
| No. 1118—WHITE EDGE CHAIN SCALE, flat, 6 inch, 10x 20 parts to the inch | \$ |
| No. 1120—WHITE EDGE CHAIN SCALE, flat, 6 inch, 10x 50 parts to the inch | \$ |
| No. 1124—WHITE EDGE CHAIN SCALE, flat, 6 inch, 20x 40 parts to the inch | \$ |
| No. 1125—WHITE EDGE CHAIN SCALE, flat, 6 inch, 30x 60 parts to the inch | \$ |
| No. 1126—WHITE EDGE CHAIN SCALE, flat, 6 inch, 40x 80 parts to the inch | \$ |
| No. 1127—WHITE EDGE CHAIN SCALE, flat, 6 inch, 50x 100 parts to the inch | \$ |
| No. 1128—WHITE EDGE CHAIN SCALE, flat, 6 inch, 80x 100 parts to the inch | \$ |
| No. 1130—WHITE EDGE CHAIN SCALE, flat, 12 inch, 10x 20 parts to the inch | \$ |
| No. 1131—WHITE EDGE CHAIN SCALE, flat, 12 inch, 10x 50 parts to the inch | \$ |
| No. 1132—WHITE EDGE CHAIN SCALE, flat, 12 inch, 20x 40 parts to the inch | \$ |
| No. 1134—WHITE EDGE CHAIN SCALE, flat, 12 inch, 30x 60 parts to the inch | \$ |
| No. 1136—WHITE EDGE CHAIN SCALE, flat, 12 inch, 40x 80 parts to the inch | \$ |
| No. 1137—WHITE EDGE CHAIN SCALE, flat, 12 inch, 50x 100 parts to the inch | \$ |
| No. 1138—WHITE EDGE CHAIN SCALE, flat, 12 inch, 80x 100 parts to the inch | \$ |

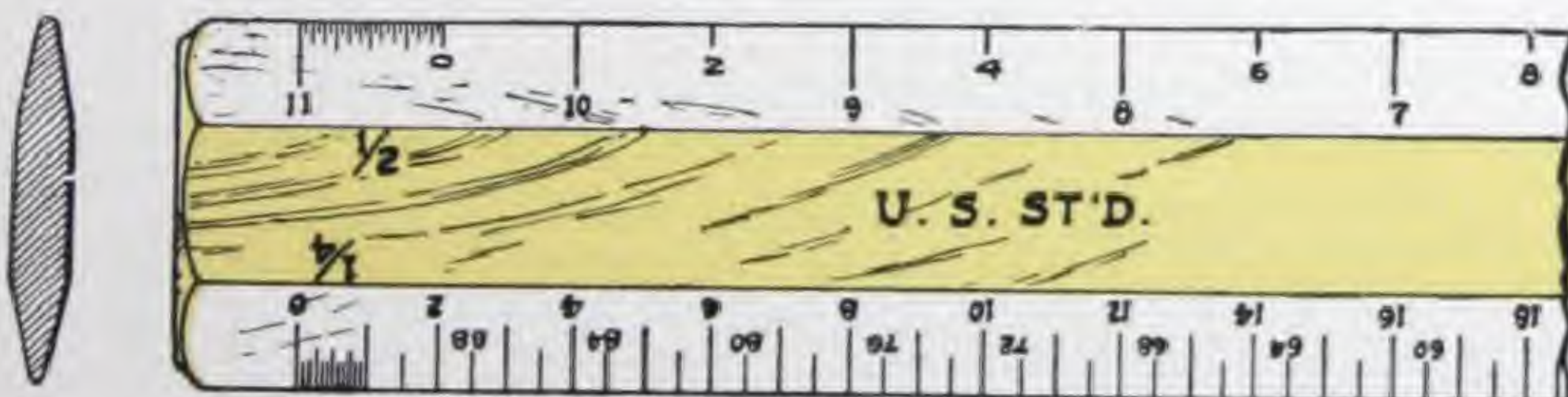
DOUBLE BEVEL WHITE EDGE SCALES

1 inch Wide in Leather Sheath



No. 1140

- | | Each |
|--|------|
| No. 1140—WHITE EDGE SCALE, flat, 6 inch, both sides beveled and divided, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, 1x $\frac{3}{4}$, $\frac{3}{4}$, 1 $\frac{1}{2}$, 3 inches to the foot | \$ |
| No. 1142—WHITE EDGE SCALE, flat, 6 inch, both sides beveled and divided, 10, 30, 40, 50 parts to the inch | \$ |



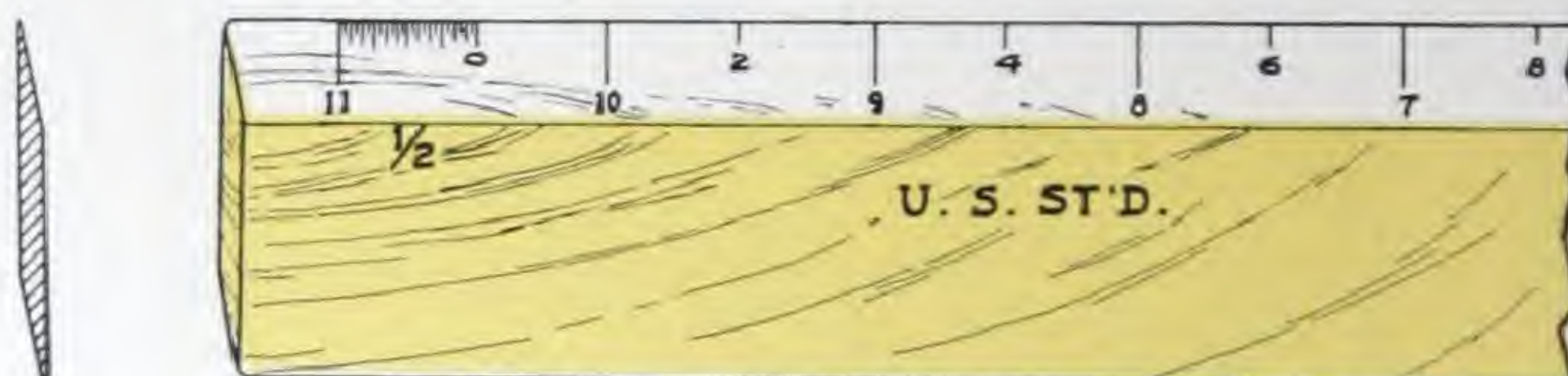
No. 1152

Divided: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, 1x $\frac{3}{4}$, $\frac{3}{4}$, 1 $\frac{1}{2}$, 3 inches to the foot.

- | | Each |
|--|------|
| No. 1150—WHITE EDGE SCALE, flat, 6 inch, both sides beveled | \$ |
| No. 1152—WHITE EDGE SCALE, flat, 12 inch, both sides beveled | \$ |
| No. 1154—WHITE EDGE SCALE, flat, 18 inch, both sides beveled | \$ |
| No. 1156—WHITE EDGE SCALE, flat, 24 inch, both sides beveled | \$ |

The C.F. Pease Company

WHITE EDGE SCALES OPPOSITE BEVEL WHITE EDGE SCALES

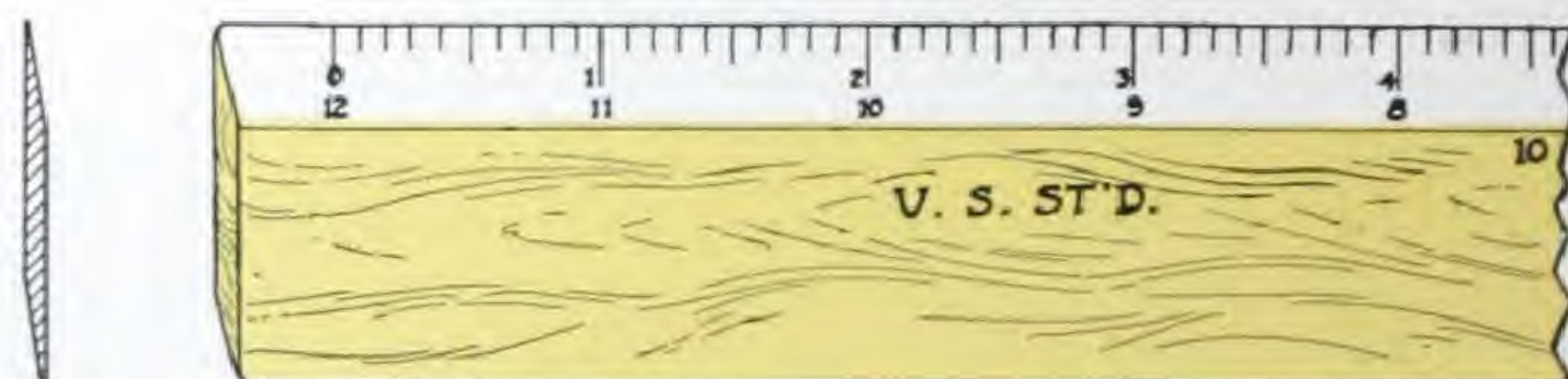


No. 1162

Divided: $\frac{1}{8}$, $\frac{1}{4} \times \frac{1}{2}$, 1 inch to the foot.

	Each
No. 1160—WHITE EDGE SCALE, 6 inch, opposite bevel.	\$
No. 1162—WHITE EDGE SCALE, 12 inch, opposite bevel.	\$
Divided: $\frac{3}{8}$, $\frac{3}{4} \times 1\frac{1}{2}$, 3 inches to the foot.	
No. 1166—WHITE EDGE SCALE, 6 inch, opposite bevel.	\$
No. 1168—WHITE EDGE SCALE, 12 inch, opposite bevel.	\$

OPPOSITE BEVEL CHAIN SCALES



No. 1172

Divided: 10x50 parts to the inch.

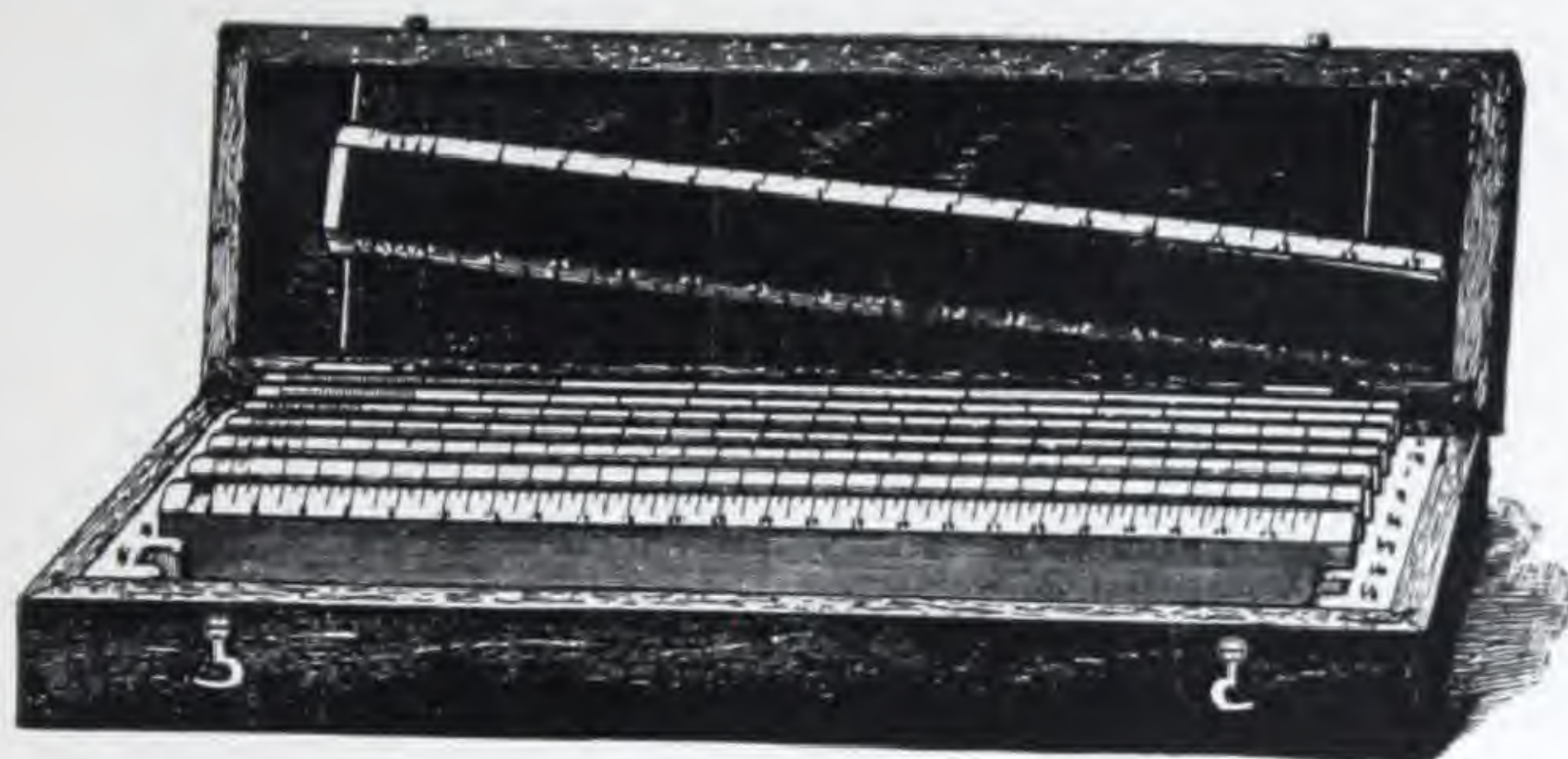
	Each
No. 1170—WHITE EDGE CHAIN SCALE, opposite bevel, 6 inch.	\$
No. 1172—WHITE EDGE CHAIN SCALE, opposite bevel, 12 inch.	\$

U. S. STANDARD SCALES

Various Graduations

	Each
No. 1180—WHITE EDGE SCALE, flat, 12 inch, divided $\frac{1}{2} \times 1$ inch to the foot.	\$
No. 1182—WHITE EDGE SCALE, flat, 12 inch, divided $\frac{1}{4} \times \frac{1}{8}$ inch to the foot.	\$
No. 1184—WHITE EDGE SCALE, flat, 12 inch, divided $\frac{1}{16} \times \frac{1}{4}$, $\frac{1}{8}$ inch to the foot.	\$
No. 1188—WHITE EDGE SCALE, flat, 12 inch, divided $\frac{1}{8}$, $\frac{1}{4} \times \frac{3}{8}$, $\frac{3}{4}$ inch to the foot.	\$
No. 1190—WHITE EDGE SCALE, flat, 12 inch, divided $\frac{1}{8}$, $\frac{1}{4} \times \frac{3}{4}$, $1\frac{1}{2}$ inch to the foot.	\$
No. 1192—WHITE EDGE SCALE, flat, 12 inch, divided 16x32 parts to the inch.	\$
No. 1193—WHITE EDGE SCALE, opposite bevel, 12 inch, divided full size and half size.	\$
No. 1194—WHITE EDGE SCALE, flat, 12 inch, divided full size and half size.	\$

BOXWOOD SCALES IN SETS FLAT—U. S. STANDARD



No. 1196

Numbers 1195 to 1197 are open divided and have the same divisions on both edges, one edge reading from left to right, other edge from right to left. All scales are plain Boxwood.

No. 1195—SET OF 4 BOXWOOD SCALES, 12 inch Set
Divided: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, 1 inch to the foot.

No. 1196—SET OF 8 BOXWOOD SCALES, 12 inch
Divided: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 3 inches to the foot.

No. 1197—SET OF 12 BOXWOOD SCALES, 12 inch
Divided: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2, 3, 4, 6, and 12 inches to the foot.

Number 1198 is full divided and has a different division on each edge, each edge being numbered to read both ways.

No. 1198—SET OF 4 BOXWOOD SCALES, 12 inch Set
Divided: 10 and 50, 20 and 40, 30 and 60, 80 and 100 parts to the inch.

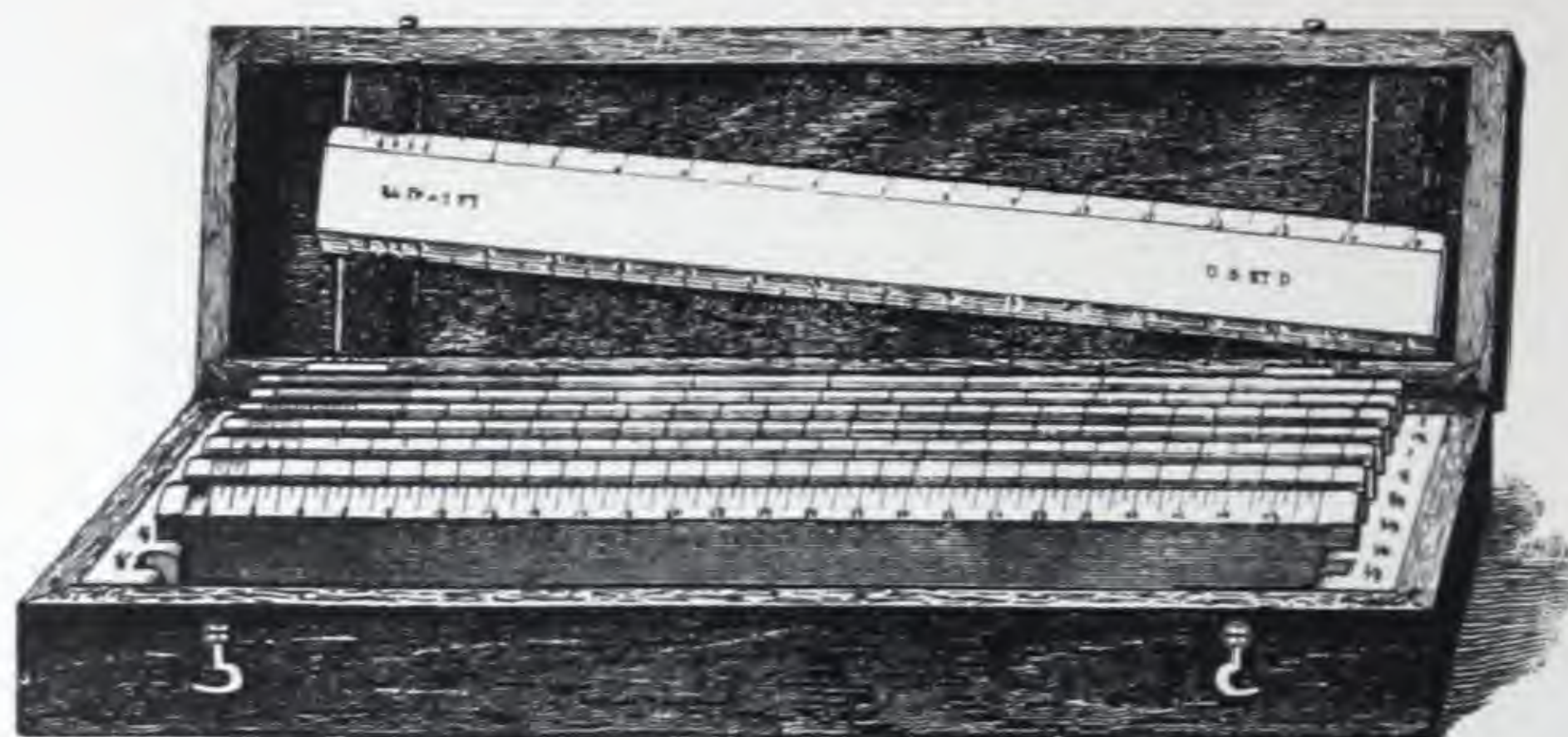
Numbers 1199 and 1200 are full divided and have the same divisions on each edge, numbered to read both ways.

No. 1199—SET OF 6 BOXWOOD SCALES, 12 inch Set
Divided: 10, 20, 30, 40, 50, 60 parts to the inch.

No. 1200—SET OF 8 BOXWOOD SCALES, 12 inch
Divided: 10, 20, 30, 40, 50, 60, 80, 100 parts to the inch.

The C.F. Pease Company

WHITE EDGE SCALES IN SETS FLAT—U. S. STANDARD



No. 1202

Numbers 1201 to 1203 are open divided and have the same divisions on both edges, one edge reading from left to right, other edge from right to left.

No. 1201—**SET OF 4 WHITE EDGE SCALES**, 12 inch.....Set
Divided: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, 1 inch to the foot.

No. 1202—**SET OF 8 WHITE EDGE SCALES**, 12 inch.....
Divided: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 3 inches to the foot.

No. 1203—**SET OF 12 WHITE EDGE SCALES**, 12 inch.....
Divided: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2, 3, 4, 6 and 12 inches to the foot.

Number 1204 is full divided and has a different division on each edge, each edge being numbered to read both ways.

No. 1204—**SET OF 4 WHITE EDGE SCALES**, 12 inch.....Set
Divided: 10 and 50, 20 and 40, 30 and 60, 80 and 100 parts to the inch.

Numbers 1205 and 1206 are full divided and have the same divisions on each edge, numbered to read both ways.

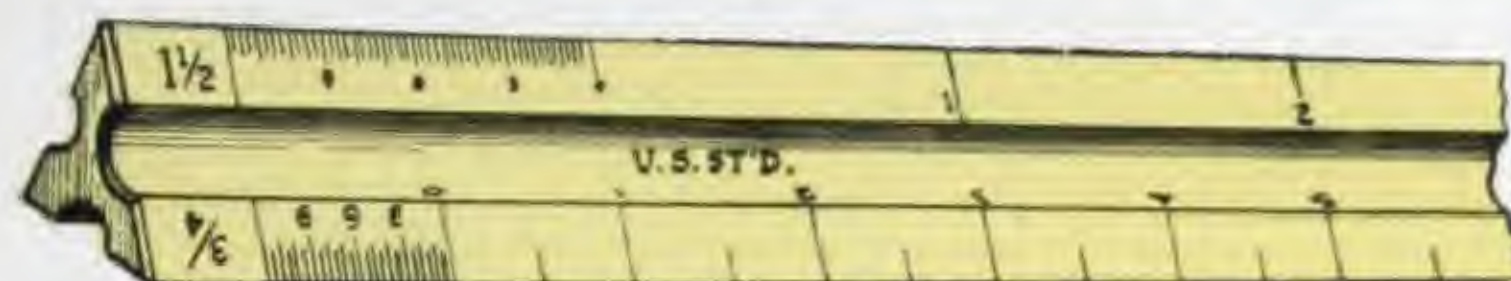
No. 1205—**SET OF 6 WHITE EDGE SCALES**, 12 inch.....Set
Divided: 10, 20, 30, 40, 50, 60 parts to the inch.

No. 1206—**SET OF 8 WHITE EDGE SCALES**, 12 inch.....
Divided: 10, 20, 30, 40, 50, 60, 80, 100 parts to the inch.

Drafting and Engineering Supplies

BOXWOOD SCALES

Triangular—For Architects and Mechanical Engineers



No. 1213

Divided: $\frac{3}{32}$, $\frac{3}{16}$, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 3 inches to the foot.

	Each
No. 1211—BOXWOOD SCALE, triangular, 6 inch	\$
No. 1213—BOXWOOD SCALE, triangular, 12 inch	\$
No. 1215—BOXWOOD SCALE, triangular, 18 inch	\$
No. 1217—BOXWOOD SCALE, triangular, 24 inch	\$

Divided: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2, 3, 4, inches to the foot.

	Each
No. 1225—BOXWOOD SCALE, triangular, 12 inch	\$
No. 1227—BOXWOOD SCALE, triangular, 18 inch	\$
No. 1229—BOXWOOD SCALE, triangular, 24 inch	\$

IMPROVED CONCAVE SHAPE



No. 1233

Divided: $\frac{3}{32}$, $\frac{3}{16}$, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 3 inches to the foot.

	Each
No. 1231—BOXWOOD SCALE, triangular, 6 inch	\$
No. 1233—BOXWOOD SCALE, triangular, 12 inch	\$
No. 1235—BOXWOOD SCALE, triangular, 18 inch	\$
No. 1237—BOXWOOD SCALE, triangular, 24 inch	\$

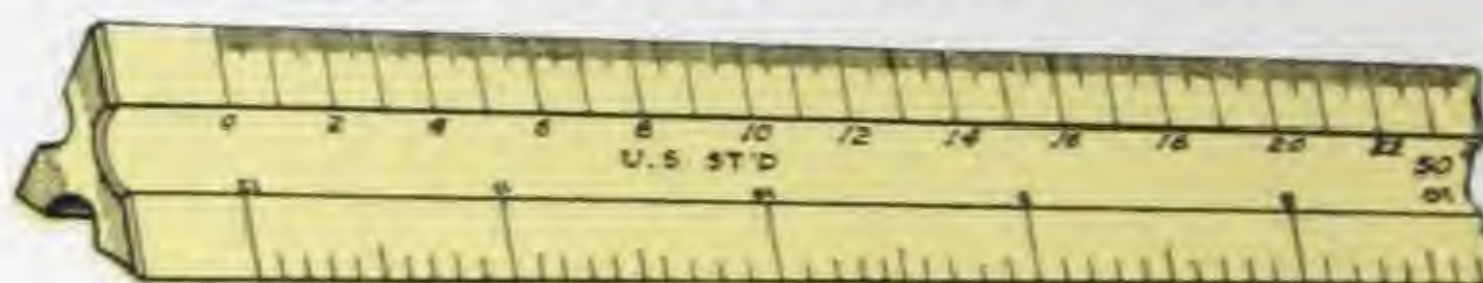
Divided: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2, 3, 4, inches to the foot.

	Each
No. 1243—BOXWOOD SCALE, triangular, 12 inch	\$
No. 1245—BOXWOOD SCALE, triangular, 18 inch	\$
No. 1247—BOXWOOD SCALE, triangular, 24 inch	\$

The C.F. Pease Company

BOXWOOD SCALES

Triangular—For Civil Engineers and Surveyors



No. 1253

Divided: 10, 20, 30, 40, 50, 60 parts to the inch.

- | | |
|---|--------------|
| No. 1251—BOXWOOD CHAIN SCALE, triangular, 6 in | Each |
| No. 1253—BOXWOOD CHAIN SCALE, triangular, 12 in | \$ |
| No. 1255—BOXWOOD CHAIN SCALE, triangular, 18 in | |
| No. 1257—BOXWOOD CHAIN SCALE, triangular, 24 in | |

Divided: 20, 30, 40, 50, 60, 80 parts to the inch.

- | | |
|---|--------------|
| No. 1263—BOXWOOD CHAIN SCALE, triangular, 12 in | Each |
| No. 1265—BOXWOOD CHAIN SCALE, triangular, 18 in | \$ |
| No. 1267—BOXWOOD CHAIN SCALE, triangular, 24 in | |

IMPROVED CONCAVE SHAPE



No. 1273

Divided: 10, 20, 30, 40, 50, 60 parts to the inch.

- | | |
|---|--------------|
| No. 1271—BOXWOOD CHAIN SCALE, triangular, 6 in | Each |
| No. 1273—BOXWOOD CHAIN SCALE, triangular, 12 in | \$ |
| No. 1275—BOXWOOD CHAIN SCALE, triangular, 18 in | |
| No. 1277—BOXWOOD CHAIN SCALE, triangular, 24 in | |

Divided: 20, 30, 40, 50, 60, 80 parts to the inch.

- | | |
|---|--------------|
| No. 1283—BOXWOOD CHAIN SCALE, triangular, 12 in | Each |
| No. 1285—BOXWOOD CHAIN SCALE, triangular, 18 in | \$ |
| No. 1287—BOXWOOD CHAIN SCALE, triangular, 24 in | |

Drafting and Engineering Supplies

WHITE EDGE SCALES

Triangular—For Architects and Mechanical Engineers



No. 1303

Divided: $\frac{3}{32}$, $\frac{3}{16}$, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 3 inches to the foot.

Each

- No. 1301—WHITE EDGE SCALE, triangular, 6 inch \$
- No. 1303—WHITE EDGE SCALE, triangular, 12 inch
- No. 1305—WHITE EDGE SCALE, triangular, 18 inch
- No. 1307—WHITE EDGE SCALE, triangular, 24 inch

Divided: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2, 3, 4 inches to the foot.

Each

- No. 1313—WHITE EDGE SCALE, triangular, 12 inch \$
- No. 1315—WHITE EDGE SCALE, triangular, 18 inch
- No. 1317—WHITE EDGE SCALE, triangular, 24 inch

IMPROVED CONCAVE SHAPE



No. 1323

Divided: $\frac{3}{32}$, $\frac{3}{16}$, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 3 inches to the foot.

Each

- No. 1321—WHITE EDGE SCALE, triangular, 6 inch \$
- No. 1323—WHITE EDGE SCALE, triangular, 12 inch
- No. 1325—WHITE EDGE SCALE, triangular, 18 inch
- No. 1327—WHITE EDGE SCALE, triangular, 24 inch

Divided: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2, 3, 4 inches to the foot.

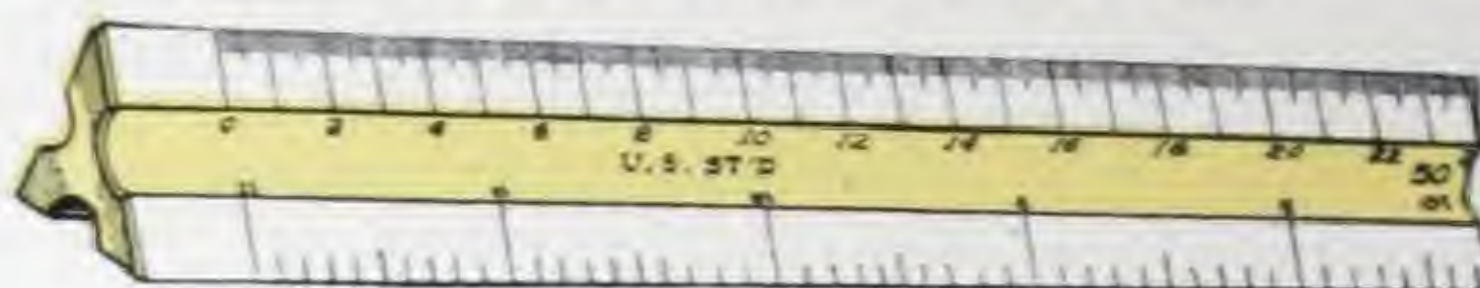
Each

- No. 1333—WHITE EDGE SCALE, triangular, 12 inch \$
- No. 1335—WHITE EDGE SCALE, triangular, 18 inch
- No. 1337—WHITE EDGE SCALE, triangular, 24 inch

The C.F. Pease Company

WHITE EDGE SCALES

Triangular—For Civil Engineers and Surveyors



No 1343

Divided: 10, 20, 30, 40, 50, 60 parts to the inch.

Each

- No. 1341—WHITE EDGE CHAIN SCALE, triangular, 6 in. \$
- No. 1343—WHITE EDGE CHAIN SCALE, triangular, 12 in.
- No. 1345—WHITE EDGE CHAIN SCALE, triangular, 18 in.
- No. 1347—WHITE EDGE CHAIN SCALE, triangular, 24 in.
- No. 1349—WHITE EDGE CHAIN SCALE, triangular, 12 in.,
divided 20, 30, 40, 50, 60, 80 parts to the inch.
- No. 1351—WHITE EDGE CHAIN SCALE, triangular, 12 in.,
divided 100, 200, 300, 400, 500, 600 parts to the foot

IMPROVED CONCAVE SHAPE



No. 1363

Divided: 10, 20, 30, 40, 50, 60 parts to the inch.

Each

- No. 1361—WHITE EDGE CHAIN SCALE, triangular, 6 in. \$
- No. 1363—WHITE EDGE CHAIN SCALE, triangular, 12 in.
- No. 1365—WHITE EDGE CHAIN SCALE, triangular, 18 in.
- No. 1367—WHITE EDGE CHAIN SCALE, triangular, 24 in.
- No. 1369—WHITE EDGE CHAIN SCALE, triangular, 12 in.,
divided 20, 30, 40, 50, 60, 80 parts to the inch.
- No. 1371—WHITE EDGE CHAIN SCALE, triangular, 12 in.,
divided 100, 200, 300, 400, 500, 600 parts to the foot

Drafting and Engineering Supplies

POCKET FOLDING RULES EXTRA FINE QUALITY—YELLOW FINISH



No. 1433

Divided in continuous inches, with springs, brass tipped.

	Each
No. 1431—POCKET RULE, 2 feet, 4 fold, divided $\frac{1}{16}$ in	\$
No. 1432—POCKET RULE, 3 feet, 6 fold, divided $\frac{1}{16}$ in	\$
No. 1433—POCKET RULE, 4 feet, 8 fold, divided $\frac{1}{16}$ in	\$
No. 1434—POCKET RULE, 5 feet, 10 fold, divided $\frac{1}{16}$ in	\$
No. 1435—POCKET RULE, 6 feet, 12 fold, divided $\frac{1}{16}$ in	\$
No. 1436—POCKET RULE, 8 feet, 16 fold, divided $\frac{1}{16}$ in	\$

EXTRA FINE QUALITY—WHITE ENAMELED FINISH



No. 1453

Divided in continuous inches, with springs, brass tipped.

	Each
No. 1451—POCKET RULE, 2 feet, 4 fold, divided $\frac{1}{16}$ in	\$
No. 1452—POCKET RULE, 3 feet, 6 fold, divided $\frac{1}{16}$ in	\$
No. 1453—POCKET RULE, 4 feet, 8 fold, divided $\frac{1}{16}$ in	\$
No. 1454—POCKET RULE, 5 feet, 10 fold, divided $\frac{1}{16}$ in	\$
No. 1455—POCKET RULE, 6 feet, 12 fold, divided $\frac{1}{16}$ in	\$
No. 1456—POCKET RULE, 8 feet, 16 fold, divided $\frac{1}{16}$ in	\$

Divided in inches one side, $\frac{1}{10}$ and $\frac{1}{100}$ to foot other side.

	Each
No. 1464—POCKET RULE, 4 feet, 8 fold	\$
No. 1466—POCKET RULE, 6 feet, 12 fold	\$

The C.F. Pease Company

STEEL FOLDING POCKET RULES



No. 1467

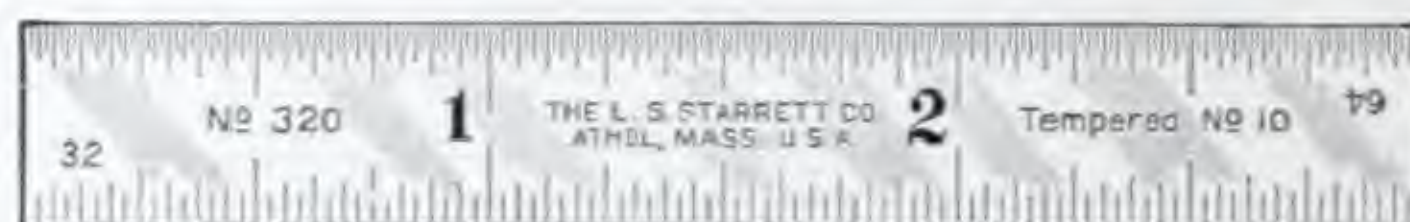
Flexible spring steel, $\frac{3}{8}$ inch wide, raised figures, with stop that holds rule rigid when extended. Marked inches and 16ths on both sides. Each

No. 1467—STEEL POCKET RULE, 2 feet long, in sheath. \$

No. 1468—STEEL POCKET RULE, 3 feet long, in sheath.

No. 1469—STEEL POCKET RULE, 4 feet long, in sheath.

FLAT STEEL RULES



No. 1470

Made from flexible spring steel, marked in inches and 16ths.

No. 1470—FLAT STEEL RULE, $\frac{1}{2}$ inch wide, 12 inches long. Each

No. 1471—FLAT STEEL RULE, $\frac{3}{4}$ inch wide, 18 inches long.

No. 1472—FLAT STEEL RULE, $\frac{3}{4}$ inch wide, 24 inches long.

SHRINKAGE RULES



No. 1473

Made from highly finished boxwood, $1\frac{1}{2} \times 1\frac{1}{8}$ in., brass capped.

No. 1473—Extreme length, $24\frac{1}{8}$ inches; shrinkage, $\frac{1}{16}$ inch per foot. Each

No. 1474—Extreme length, $24\frac{1}{4}$ inches; shrinkage, $\frac{1}{8}$ inch per foot.

No. 1475—Extreme length, $24\frac{1}{2}$ inches; shrinkage, $\frac{1}{4}$ inch per foot.

No. 1476—Extreme length, 25 inches; shrinkage, $\frac{1}{2}$ inch per foot.

No. 1477—Extreme length, $25\frac{1}{2}$ inches; shrinkage, $\frac{3}{4}$ inch per foot.

Drafting and Engineering Supplies

BRISTOL BOARD SCALES

19 inches long, $1\frac{3}{4}$ inches wide. Engine divided.

- No. 1401—Set of 6 scales, divided $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 3 inches to the foot. Per set. \$
 No. 1403—Set of 6 scales, divided $\frac{3}{32}$, $\frac{1}{8}$, $\frac{3}{16}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{8}$ inch to the foot. Per set.
 No. 1405—Set of 6 scales, divided 10, 20, 30, 40, 50, 60 parts to the inch. Per set.
 No. 1407—Separate scales, any of the above divisions. Each.

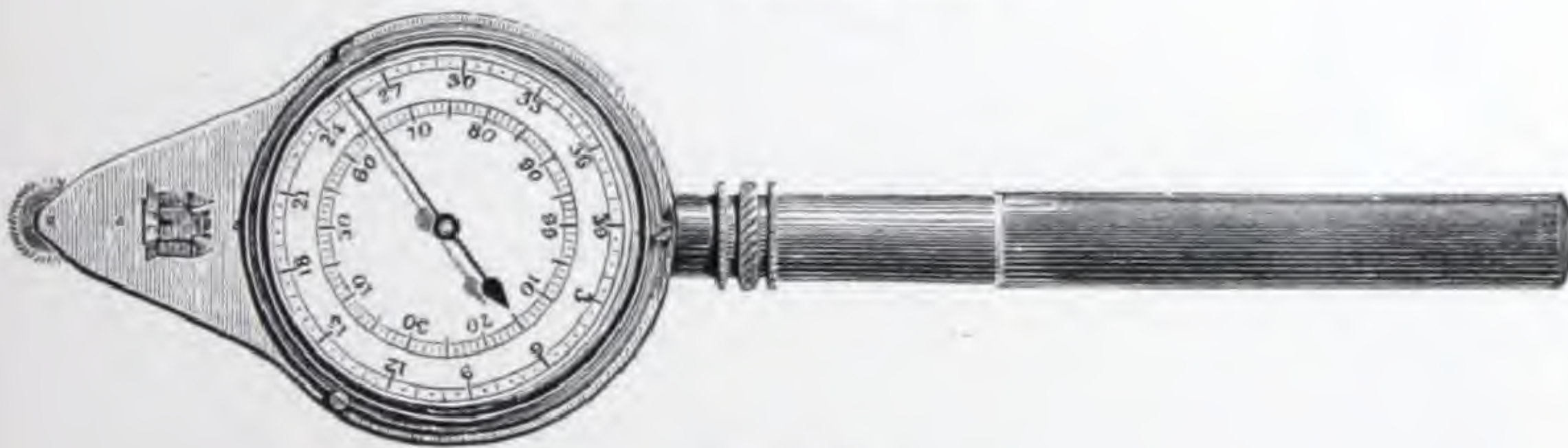
SCALE GUARD



No. 1411

- No. 1411—SCALE GUARD, nickel plated. Each \$

MAP MEASURES



No. 1480

- No. 1480—MAP MEASURE, $4\frac{1}{2}$ inches, metal handle, dial $1\frac{1}{8}$ inches. Each \$
 Graduated inches to miles and centimeters to kilometers.
 No. 1482—MAP MEASURE, Watch Pattern, nickel plated, $1\frac{3}{4}$ inch diameter.
 Dial graduated 12 inches, 10 feet and 100 feet. With snap release
 which allows hand to set back to zero.

To measure a line, first set instrument at zero, then follow the desired line or distance to be measured, carefully holding the instrument perpendicularly with the small projecting cogwheel. The needle will then indicate the distance in miles or kilometers according to the map measured, and the dial used. The above listed map measures are very convenient and desirable instruments for the engineers and architects in determining measurements from maps and plans.

The C.F. Pease Company

MANNHEIM SLIDE RULES—ADJUSTABLE



No. 1724

No. 1720—ADJUSTABLE (MANNHEIM) SLIDE RULE, 5-inch, engine divided, divisions on white facings, with "Frameless" Glass Indicator, in sewed Leather Case, with directions. \$

This rule is subdivided as closely as the 10-inch rule No. 1724.

No. 1722—ADJUSTABLE (MANNHEIM) SLIDE RULE, 8-inch, engine divided, divisions on white facings, with "Frameless" Glass Indicator, in sewed Leather Case, with directions. \$

This rule is subdivided as closely as the 10-inch rule, No. 1724.

No. 1724—ADJUSTABLE (MANNHEIM) SLIDE RULE, 10-inch, engine divided, divisions on white facings, with "Frameless" Glass Indicator, in Morocco Case, with directions. \$
In sewed leather case.

No. 1726—ADJUSTABLE (MANNHEIM) SLIDE RULE, 16-inch, engine divided, divisions on white facings, with "Frameless Glass" Indicator, in Morocco Case, with directions. \$
In sewed leather case.

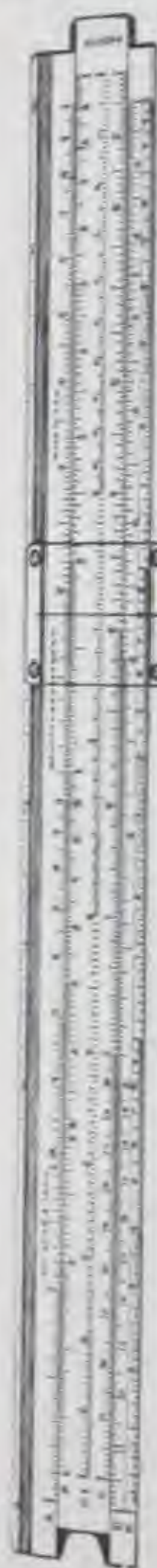
No. 1728—ADJUSTABLE (MANNHEIM) SLIDE RULE, 20-inch, engine divided, divisions on white facings, with "Frameless" Glass Indicator, in Morocco Case, with directions. \$
In sewed leather case.

Rules 1726 and 1728 are divided more closely than the others. They have from 200 to 20 subdivisions between the prime numbers, while the other rules have from 100 to 10, so that reading is closer by at least one figure.

For Magnifiers and Books on the Slide Rule, see page 160.

For Leather Cases, see page 160.

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No. 1732

No. 1732—POLY
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No. 1734—POLY
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POLYPHASE SLIDE RULES

MANNHEIM TYPE

Patented

The Polyphase Slide Rule has, in addition to the regular scales of the Mannheim, a scale of cubes on the face of the rule below the D scale and an inverted scale (CI) on the face of the slide, which scales may readily be used in conjunction with the other scales, by means of the indicator. This arrangement combines some of the features of the Duplex type with the regular Mannheim Rule.

The inverted scale enables the operator to take three factors at one setting of the slide, and to read reciprocals by means of the indicator. Such expressions as

$$\begin{aligned} &\sqrt[3]{a^3} ; \sqrt[3]{a^2} ; \sqrt[3]{\frac{1}{a^2}} ; \\ &a^5 ; a^6 ; a^9 ; \sqrt[3]{a^5} ; \sqrt[3]{a^5} ; \\ &\sqrt[6]{a^5} ; \sqrt[3]{a^4} ; \sqrt[3]{\frac{a}{b^2}} ; \\ &a^2 \times \sqrt[3]{b^2} ; \frac{\sqrt[3]{a^3 \times b^3}}{c^3} \end{aligned}$$

may be read by means of the indicator, and almost any combination of three factors involving square, square root, cube and cube root, may be solved at one setting of the slide.

No. 1730—POLYPHASE SLIDE RULE, adjustable 8-inch, engine divided, divisions on white facings, "Frameless" Glass Indicator, in sewed Leather Case, with directions. \$

No. 1732

No. 1732—POLYPHASE SLIDE RULE, adjustable 10-inch, engine divided, divisions on white facings, "Frameless" Glass Indicator, in Morocco Case with directions. In sewed leather case

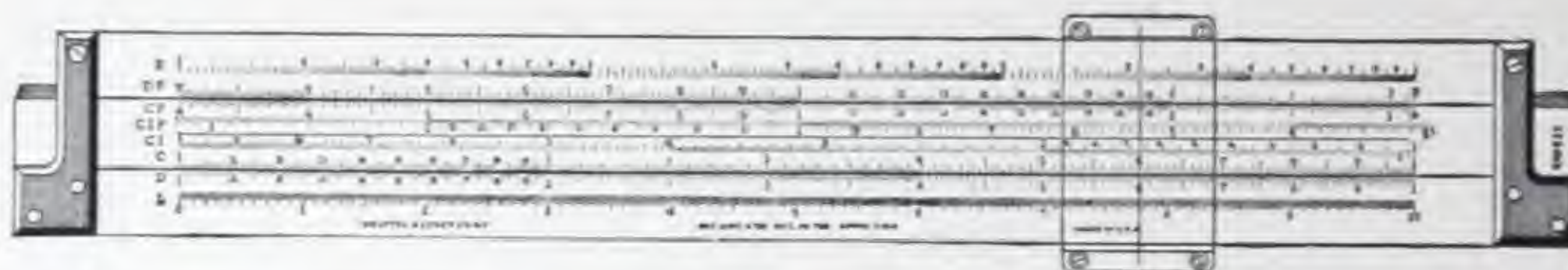
No. 1734—POLYPHASE SLIDE RULE, adjustable, 20-inch, engine divided, divisions on white facings, "Frameless" Glass Indicator, in Morocco Case, with directions. In sewed leather case

For Magnifiers and Books on the Slide Rule, see page 160.

The C.F. Pease Company

LOG LOG DUPLEX SLIDE RULE

Patented



No. 1740—Front View

Each

No. 1740—LOG LOG DUPLEX SLIDE RULE, adjustable, 10-inch, engine divided, divisions on white facings, "Frameless" Glass Indicator, in Morocco Case, with directions \$
 In sewed leather case

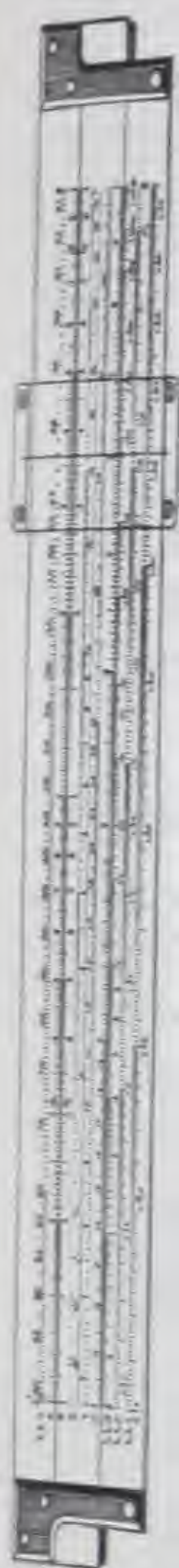
The Log Log Duplex Slide Rule has, in addition to the scales of the Polyphase Duplex Slide Rule, a Log Log scale, three fold, graduated from 1.01 to 22,000, with which any root or power of any quantity up to 22,000 may be determined, by direct operation, at one setting of the slide. The hyperbolic or natural logarithm of a quantity with its characteristic may be read by means of the indicator without setting the slide, or may be used directly as a factor when required in any formula.

There is also a Log Log Scale of decimal quantities, called LLO, which has a range of .97 to .05. It is referred to the A-B scales and is so proportioned that the hyperbolic co-logarithms of numbers on it are read directly on scale A.

Exponentials generally, and the many formulae in electrical and mechanical engineering involving fractional powers or roots, hyperbolic logarithms, etc., are readily handled with the help of this rule.

On one face are the following scales: DF, a full length D scale folded. The graduations begin and end approximately at the center of the rule, the scales being so placed as to bring the division 3.1416 (π) in line with both indices of the lower D scale.

- CF, a full length C scale, folded like the DF scale.
 - CIF, a full length inverted folded C scale, whose index is in line with the indices of the DF and CF scales.
 - CI, a full length C scale inverted.
 - C, a full length C scale.
 - D, a full length D scale.
 - L, a scale of equal parts (for finding common logarithms of numbers.)
- On the other face of the rule are the following scales:
- LLO, a Log Log Scale of decimal quantities.
 - A, two complete logarithmic scales.
 - B, two complete logarithmic scales.
 - S, the usual trigonometric scale of sines.
 - T, the usual trigonometric scale of tangents.
 - C, a full length C scale.
 - LL1, LL2, LL3, a continuous Log Log scale in three parts.

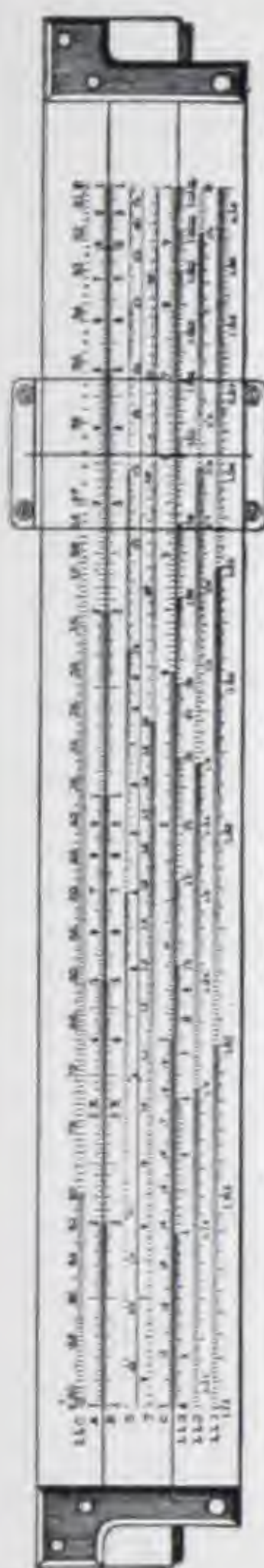


No. 1740
Back View

be arranged in that is, any por with the other the coinciding of the scale.

On our Log rithms "e" (2.7 coinciding with LL2 is gradu limits 1.01 and 2

LOG LOG DUPLEX SLIDE RULE (Continued)



No. 1740
Back View

The Log Log Scale, as its name indicates, represents the Logarithms of the Logarithms of a series of natural numbers, so that while the CD scales give the logarithmic location of the natural numbers read on them, the Log Log Scale gives the corresponding Log Log location. The value of such an arrangement is best appreciated in involution and evolution, where the root or the power is taken on the Log Log Scale, while the exponent or root index is taken on the C scale, proceeding as in ordinary multiplication for involution and as in division for evolution. That

$$\frac{1}{x}$$

is, to evaluate the expression x^n or x^n by former methods, the logarithm would ordinarily be taken reducing the expression to $\text{Log } x \times n$ or $\text{Log } x \div n$, but by taking the logarithm a second time, we have, $\text{Log } (\text{Log } x) + \text{Log } n$ in one case, and $\text{Log } (\text{Log } x) - \text{Log } n$ in the other. It may easily be seen that both of these expressions are readily evaluated by having the logarithms of the logarithms of a series of natural numbers on the stock of the slide rule, and the logarithms of the same series on the slide. The Logarithmic Scale may thus be set in any additive or subtractive relation to the Log Log Scale, and the desired result obtained by single operation.

The Log Log scale is graduated in three sections, which, if placed end to end, would form a continuous scale from lower to upper limit. It may

be arranged in any chosen relation to the other fixed scales on the rule, that is, any portion of the Log Log Scale may be graduated in alignment with the other indices, inasmuch as the slide can be set to it as desired, the coinciding point selected determining the lower and upper limit of the scale.

On our Log Log Rules the base of Hyperbolic or Natural Logarithms "e" (2.71828) and the 10th power and root of "e" are arranged coinciding with the other indices. Scale LL1 is graduated from $e^{\frac{1}{100}}$ to $e^{\frac{1}{10}}$; LL2 is graduated from $e^{\frac{1}{10}}$ to e; LL3 from e to e^{10} , thus giving the limits 1.01 and 22,000, quite high and low enough for practical purposes.

The C.F. Pease Company

POLYPHASE DUPLEX SLIDE RULES



No. 1752
(front)

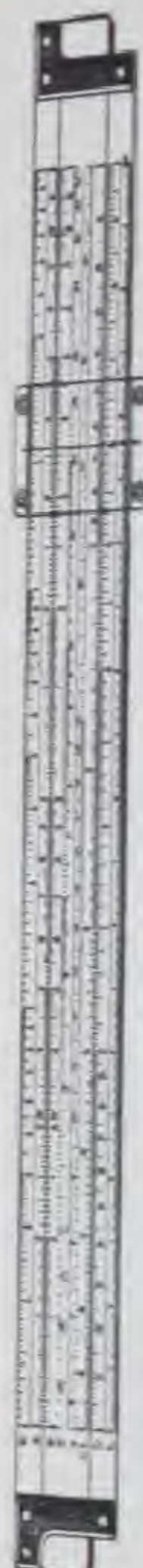
The Polyphase Duplex Slide Rule is a combination of the Polyphase and the Duplex Rules, with the addition of several special scales. It is very valuable for the solution of problems involving exponentials, reciprocals and extended combinations of factors. Involved computations may be performed with a minimum number of settings, decreasing the possibility of error in reading, and reducing the time required to perform calculations. Any one of the scales may be read in connection with any other one by means of the indicator which encircles the rule.

In introducing the various changes and innovations enumerated, great care has been exercised to avoid complicating the rule, so that the Polyphase Duplex Rule can be used efficiently for the simpler problems of multiplication and division as well as for the more complicated operations encountered in the solution of various empirical formulae.

The Polyphase Duplex is of the Duplex type, being graduated on both sides, and has the slide adjustment.

The scales on the front face known as CF-DF, CIF, and C-D scales have their indices at the beginning and end of the scale while the folded scales DF-CF have π in alignment with indices of C-D scales with index 1 near the middle of the rule. The inverted folded scale CIF has its index near the middle of the rule coinciding with the indices of DF-CF. This positioning of the folded scales permits diameters and circumferences of circles to be directly read without setting and π to be taken as a factor or divisor in any formulae without an additional setting. The function of the folded scales is to enable factors to be taken without resetting which would be off the rule when using the regular C-D scales.

See page 159 for Specifications



No. 1752
(back)

No. 1748—POL
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No. 1750—POL
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No. 1752—POL
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No. 1754—POL
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In s



No. 1752
(back)

POLYPHASE DUPLEX SLIDE RULES

On the other side of the rule the scales, in order downward, are K, A-B, S, T, CI, D, and L. The "K" is a scale of three units of one-third the unit length of the C-D scales, to which it is referred; it gives directly the cube of any number on the C-D scale and vice versa the cube root of any number on the K scale is read directly on the C-D scales.

The "A-B" are two scales of one-half the unit length of the C-D scales and are so positioned that the square root of any number on them is directly read on the C-D scales.

The S on the slide is a scale of Sines from about 35' to 90° and is referred to A-B scales.

The T on the slide is a scale of Tangents from about 5° 44' to 45° referred to C-D scales.

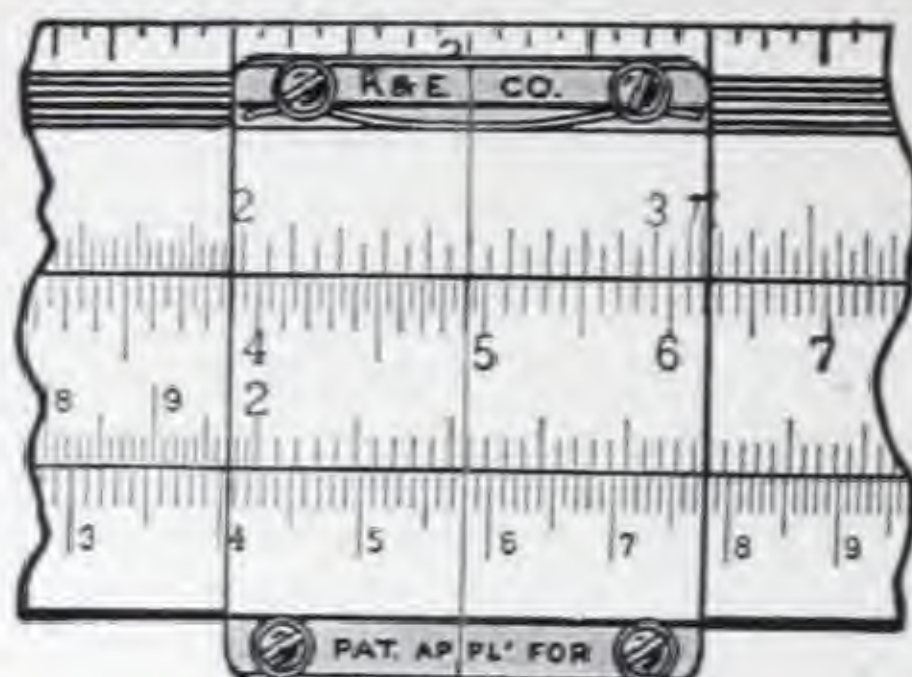
The CI on the slide is an inverted scale of full unit length and is adjacent to and used in conjunction with the D scale on the lower body of the rule.

The lower edge of the rule carries a scale of equal parts known as the L scale which is used for obtaining the common logarithms of numbers. This scale is referred to the D scale.

- | | Each |
|---|---------|
| No. 1748—POLYPHASE DUPLEX SLIDE RULE, adjustable, 5-inch, engine divided, divisions on white facings, "Frameless" Glass Indicator, in sewed Leather Case, with directions..... | \$..... |
| No. 1750—POLYPHASE DUPLEX SLIDE RULE, adjustable, 8-inch, engine divided, divisions on white facings, "Frameless" Glass Indicator, in sewed Leather Case, with directions..... | \$..... |
| No. 1752—POLYPHASE DUPLEX SLIDE RULE, adjustable, 10-inch, engine divided, divisions on white facing, "Frameless" Glass Indicator, in Morocco Case, with directions.....
In sewed leather case..... | \$..... |
| No. 1754—POLYPHASE DUPLEX SLIDE RULE, adjustable, 20-inch, engine divided, divisions on white facings, "Frameless" Glass Indicator, in Morocco Case, with directions.....
In sewed leather case..... | \$..... |

The C.F. Pease Company

SLIDE RULE INDICATORS



No. 1760

	Each
No. 1759—"FRAMELESS" GLASS INDICATORS, for 5 in. Mannheim Rule	\$
No. 1760—"FRAMELESS" GLASS INDICATORS, for 8 in. Mannheim Rule	\$
No. 1762—"FRAMELESS" GLASS INDICATORS, for 10 in., 16 in., and 20 in. Mannheim Rules	\$
No. 1764—"FRAMELESS" GLASS INDICATORS, for 8 in., 10 in., and 20 in. Polyphase Rules	\$
No. 1765—"FRAMELESS" GLASS INDICATORS, for 8 in., and 10 in. Polyphase Duplex Rules	\$
No. 1766—"FRAMELESS" GLASS INDICATORS, for 10 in. Log Log Duplex Rule and 20 in. Polyphase Duplex Rule	\$
No. 1767—"FRAMELESS" GLASS INDICATORS, for 5 in. Polyphase Duplex Rule	\$
	Glass Only Fitted
No. 1769—GLASS ONLY, for 5 in. Mannheim Rule	\$ \$
No. 1770—GLASS ONLY, for 8 in. Mannheim Rule	\$ \$
No. 1772—GLASS ONLY, for 10 in., 16 in., and 20 in. Mannheim Rules and 8 in., 10 in., and 20 in., Polyphase Rules	\$ \$
No. 1775—GLASS ONLY, for 8 in., and 10 in. Polyphase Duplex Rules	\$ \$
No. 1776—GLASS ONLY, for 20 in. Log Log Duplex Rule and 20 in. Polyphase Duplex Rule	\$ \$
No. 1777—GLASS ONLY, for 5 in. Polyphase Duplex Rule	\$ \$

MAGNIFIERS FOR SLIDE RULES

	Each
No. 1779—MAGNIFIER, for 5 in. Mannheim Rule	\$
No. 1780—MAGNIFIER, for 8 in., 10 in., 16 in., and 20 in. Mannheim Rules and 8 in., 10 in., and 20 in. Polyphase Rules, and 8 in., and 10 in. Polyphase Duplex Rules	\$
No. 1786—MAGNIFIER, for 10 in. Log Log Duplex Rule and 20 in. Polyphase Duplex Rule	\$

BOOKS ON SLIDE RULES

By W. E. BRECKENRIDGE

All of these books are Self-Teaching Manuals with tables, etc.

	Each
No. 1784-A—"THE MANNHEIM SLIDE RULE"	\$
No. 1784-B—"THE POLYPHASE SLIDE RULE"	\$
No. 1784-C—"THE POLYPHASE DUPLEX SLIDE RULE"	\$
No. 1784-D—"THE LOG LOG DUPLEX SLIDE RULE"	\$

CASES FOR SLIDE RULES

	Each
No. 1790—MOROCCO COVERED CASE, for 10 in. rule	\$
No. 1791—MOROCCO COVERED CASE, for 16 in. rule	\$
No. 1792—MOROCCO COVERED CASE, for 20 in. rule	\$
No. 1793—SEWED LEATHER CASE, for 5 in. rule	\$
No. 1794—SEWED LEATHER CASE, for 8 in. rule	\$
No. 1795—SEWED LEATHER CASE, for 10 in. rule	\$
No. 1796—SEWED LEATHER CASE, for 16 in. rule	\$
No. 1797—SEWED LEATHER CASE, for 20 in. rule	\$
No. 1798—SEWED LEATHER CASE, with space for Magnifier, 5 in.	\$
No. 1798-A—SEWED LEATHER CASE, with space for Magnifier, 8 in.	\$
No. 1799-A—SEWED LEATHER CASE, with space for Magnifier, 16 in.	\$
No. 1799-B—SEWED LEATHER CASE, with space for Magnifier, 20 in.	\$

PEASE SLIDE RULE HOLDER



No. 1775

The **Pease Slide Rule Holder** is a new and ingenious article for engineers, students, draftsmen, etc. It is well made, excellently finished and has rubber pads underneath the base which prevent slipping. Only one hand is needed to operate the rule, leaving the other hand free for figuring. It is made in two parts, the upper part holding the rule firmly against the body piece with springs. The rule can be removed from the holder in a few seconds' time.

This rule holder is made to accommodate the regular 10-inch Mannheim Slide Rule, but can be supplied for other sizes as well.

It is made of birch with an ebony finish.

Size overall— $10\frac{1}{2}$ inches long.

$2\frac{1}{4}$ inches high.

$2\frac{1}{8}$ inches deep.

No. 1775 \$

The C.F. Pease Company

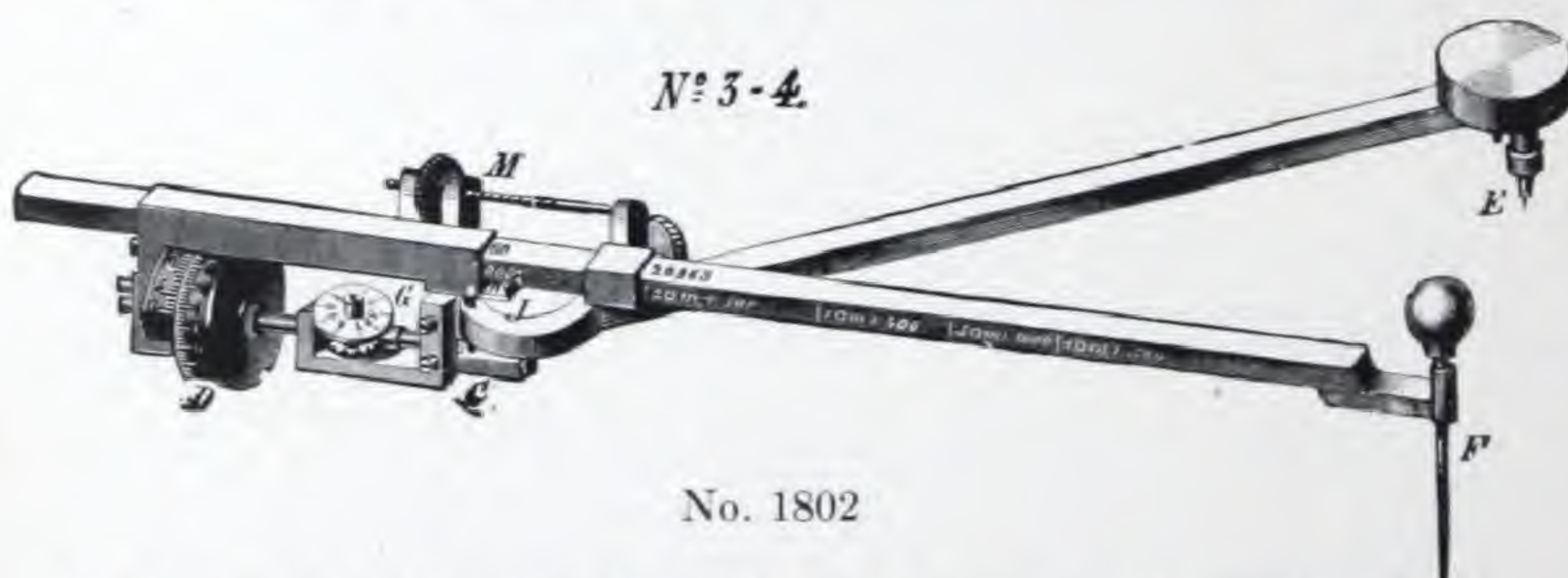
POLAR PLANIMETERS AMSLER PATTERN



No. 1800

Each

No. 1800—**POLAR PLANIMETER**, nickel silver, fixed tracer arm, adjusted for vernier unit of .01 sq. in., with horizontal recording wheel registering revolutions of the measuring wheel up to 10, so that areas up to 100 sq. in., in square inches, 10ths and 100ths can be measured. Ideally suited for drawings made to scales 1:1, 1:10, 1:100, etc. In Morocco velvet lined case with directions. \$



No. 1802

Each

No. 1802—**POLAR PLANIMETER**, nickel silver, **adjustable** tracer arm provided with index marks for measuring areas in several units or scales; with clamp screw and micrometer adjustment. Improved needle pole. Range: circle of 24 inches in diameter. In Morocco velvet lined case, with directions. \$

No. 1804—**POLAR PLANIMETER**, nickel silver, like No. 1802 but equipped with special arrangement for quickly finding the mean height of indicator diagrams. Range: circle of 25 inches in diameter. Length of diagrams, 2 inches to 8 inches. In Morocco velvet lined case, with directions. \$

COMPENSATING PLANIMETERS
CORADI PATTERN



No. 1810

No. 1810—**COMPENSATING PLANIMETER**, nickel silver and bronze brass; adjustable tracer arm with vernier and micrometer adjustment about 9 inches, fully graduated so that accurate settings for any scale in U. S. Standard or any foreign measurements can easily be obtained; pole arm about $7\frac{3}{4}$ inches with improved pole weight, with provisions for finding the mean height of indicator diagrams; testing rule and table of settings for inches. In Morocco velvet lined case, with directions \$

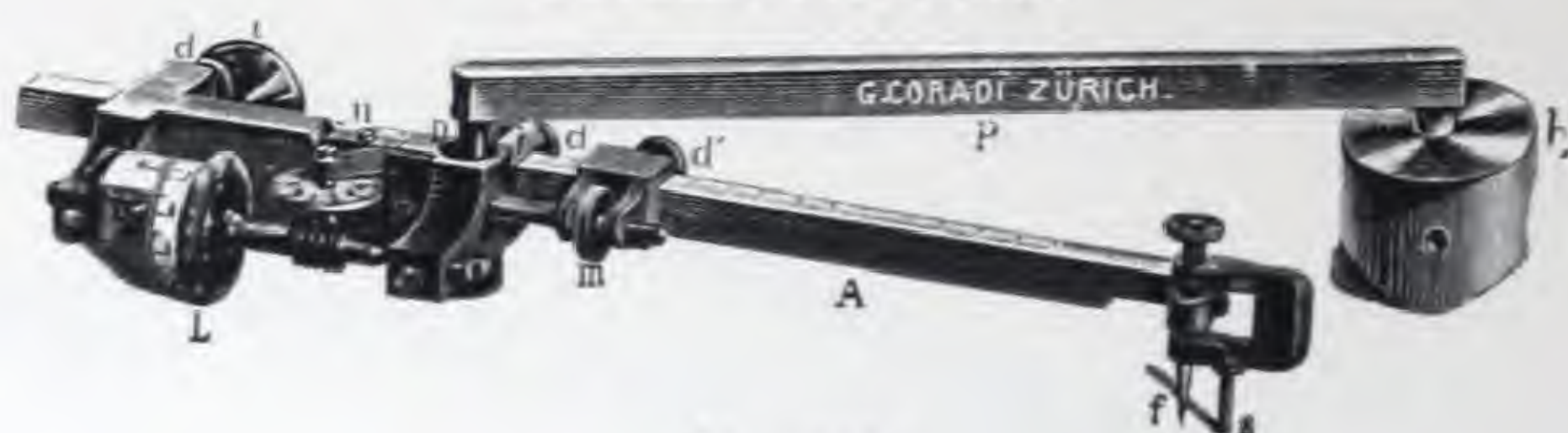
Each

No. 1812—**COMPENSATING PLANIMETER**, like No. 1810, but with adjustment for placing axis of roller arm and tracer arm parallel. In Morocco velvet lined case, with directions \$

The C.F. Pease Company

COMPENSATING PLANIMETERS

CORADI PATTERN



No. 1814

No. 1814—**COMPENSATING PLANIMETER**, like No. 1812, but with adjustable pole arm extending to about 13 inches and bearing index marks for the different settings furnished with the instrument. Can be adjusted so that when the instrument is used with the pole inside of a figure, the constant is a round number, 20,000, for any setting. The instrument is used in the same way with the pole inside as with the pole outside, and by tracing the figure with the pole on the right and on the left of the tracer arm, and taking the mean of the readings, large areas can be measured with great accuracy. Due to the wide range of the tracer arm and the extension feature of the pole arm, very large figures can be measured with the pole on the outside. Also very convenient for very small surfaces by simply reducing the length of the pole and tracer arm. In Morocco velvet lined case, with directions.

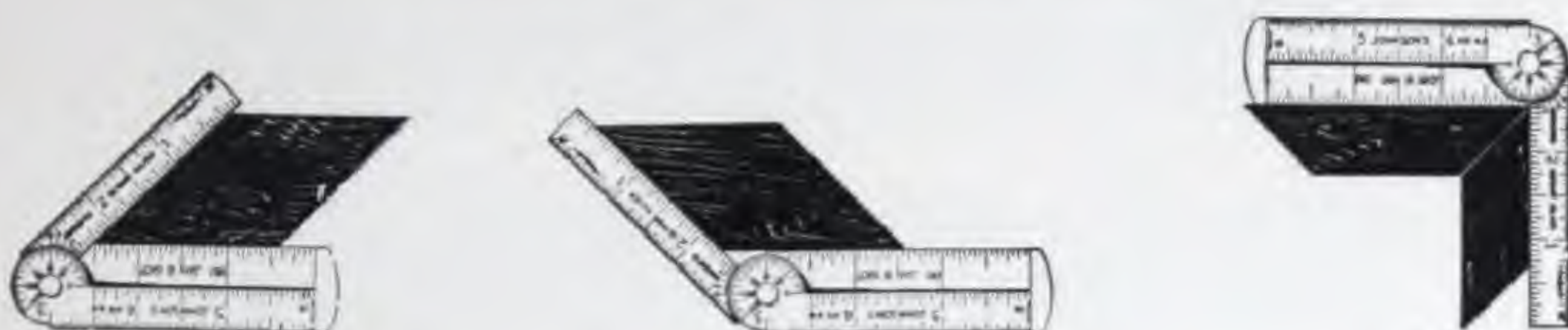
Each

\$

GENUINE CORADI COMPENSATING PLANIMETER

No. 1820—**GENUINE CORADI COMPENSATING PLANIMETER**, like No. 1814; easy adjustment for placing axis of the roller and tracer arms parallel. Guaranteed accurate in every respect. In Morocco velvet lined case, with directions.

COMBINATION POCKET RULE

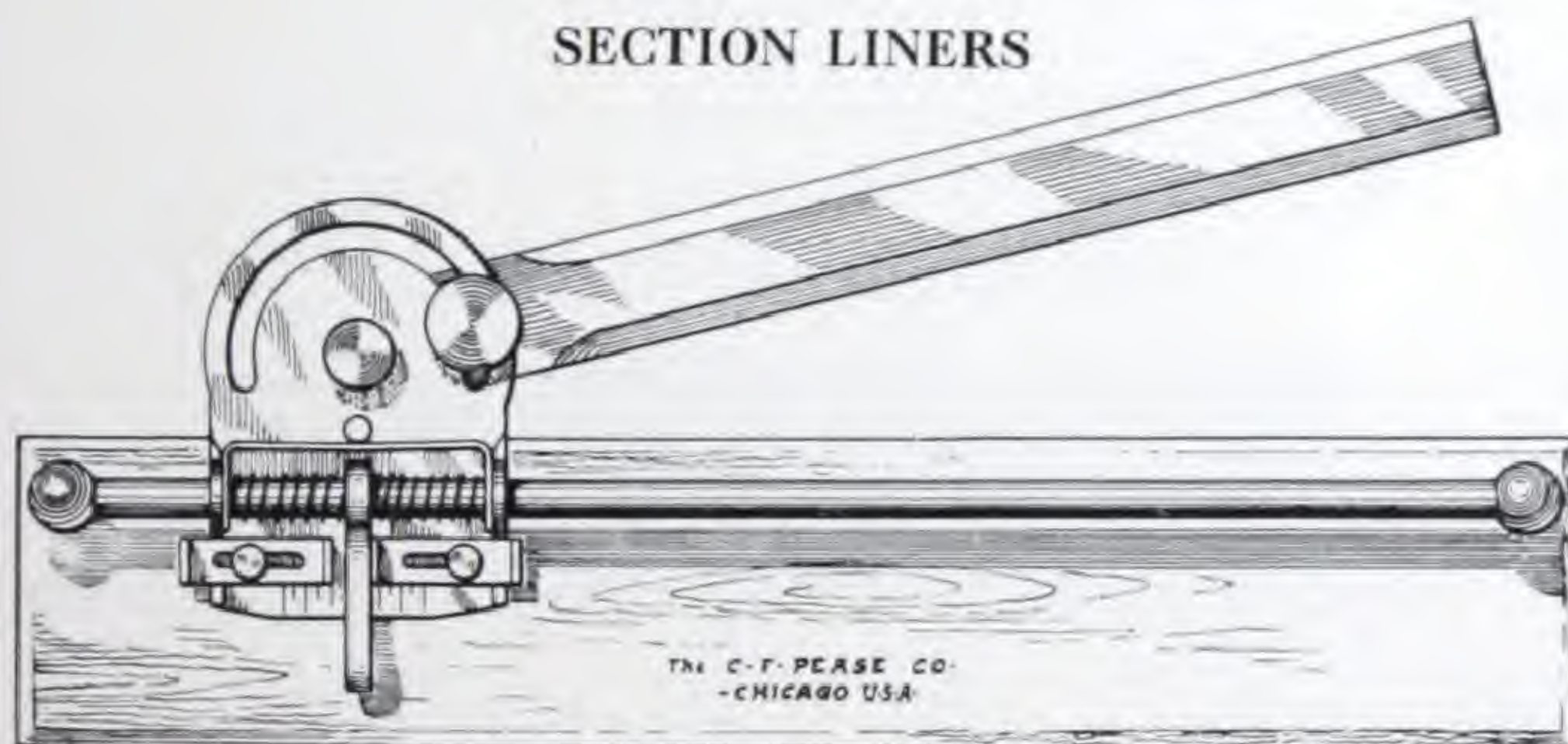


No. 1830

This rule is made of spring German silver, accurately and distinctly graduated; it can be used as a Caliper Gauge, Protractor, Triangle, or Tee Square. The upper edge and Caliper arm are graduated in thirty-seconds, and the lower edge in sixteenths; the Protractor is graduated to five degrees and the vernier reads to one-half degree. It is adjustable to any angle, and the center joint is so constructed that the rule remains firm wherever set.

No. 1830—COMBINATION POCKET RULE, 1 fold, 6 in. long	Each \$
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SECTION LINERS



No. 1833

This is a very strong, simple instrument, which is held firmly to the drawing board by means of pins in the bottom of the base. The instrument is reversible and therefore can be operated in both directions, from left to right and vice versa. The arm of the instrument is made of heavy transparent celluloid, and therefore permits a clear view at all times.

No. 1833—SECTION LINER, hardwood, nickel plated trimmings, reversible, transparent arm, 7 inches	Each \$
No. 1834—SECTION LINER, hardwood, nickel plated trimmings, reversible, transparent arm, 15 inches	Each \$

The C.F. Pease Company

PARALLEL RULES



No. 1840

- | | Each |
|--|---------|
| No. 1840—PARALLEL RULE, ebony, brass bars, 6 in..... | \$..... |
| No. 1841—PARALLEL RULE, ebony, brass bars, 9 in..... | \$..... |
| No. 1842—PARALLEL RULE, ebony, brass bars, 12 in..... | \$..... |
| No. 1843—PARALLEL RULE, ebony, brass bars, 15 in..... | \$..... |
| No. 1844—PARALLEL RULE, ebony, brass bars, 18 in..... | \$..... |
| No. 1845—PARALLEL RULE, ebony, brass bars, 24 in..... | \$..... |
| No. 1846—PARALLEL RULE, transparent, nickel-plated
bars, 12 in..... | \$..... |
| No. 1847—PARALLEL RULE, transparent, nickel-plated
bars, 15 in..... | \$..... |
| No. 1848—PARALLEL RULE, transparent, nickel-plated
bars, 18 in..... | \$..... |

ROLLING PARALLEL RULES

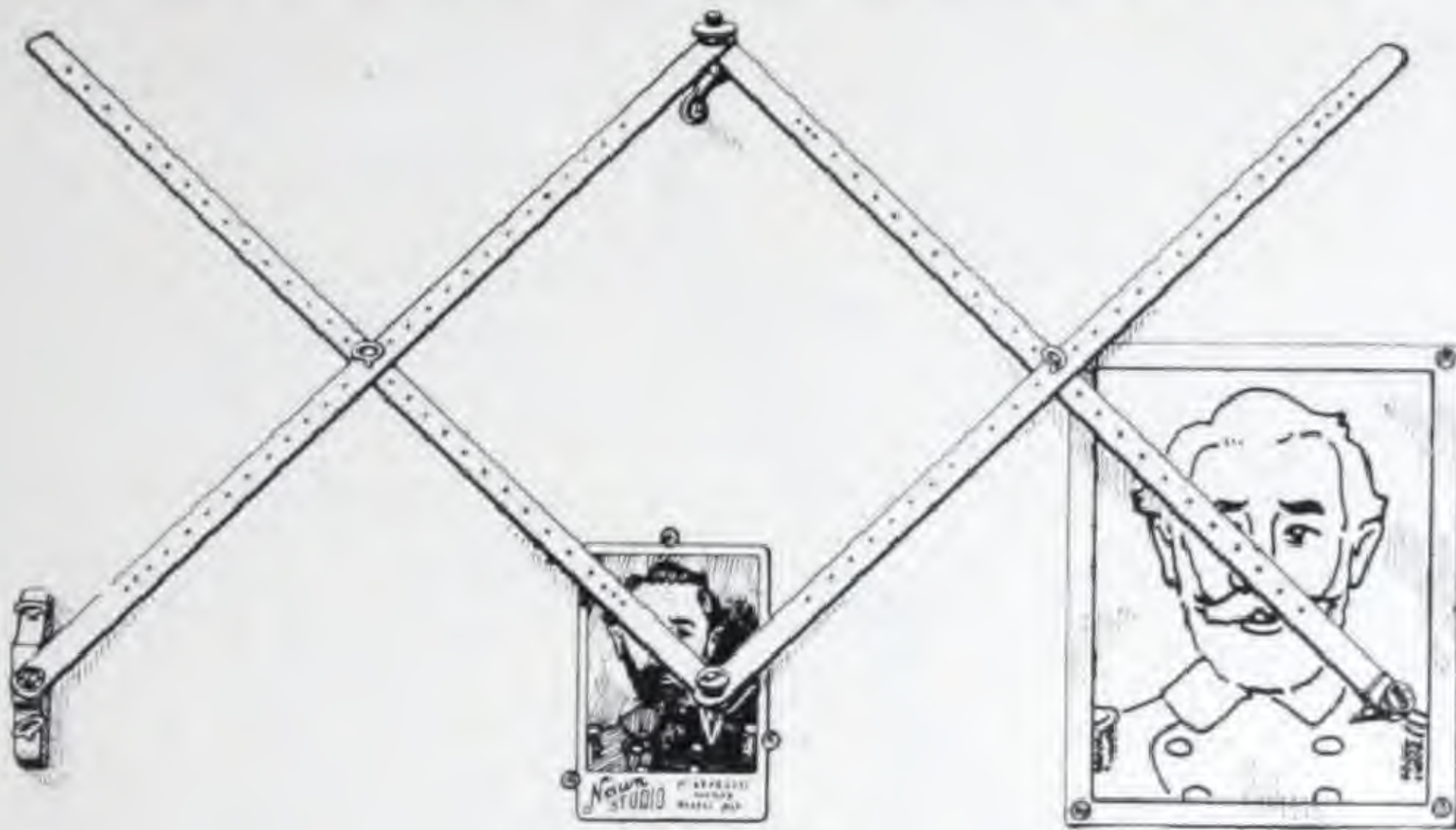


No. 1854

Our brass rolling parallel rules are of exceptional quality and assure the user of the greatest possible accuracy of motion. The metal guard over the axle provides a very convenient handle.

- | | |
|---|-----------------|
| No. 1854—ROLLING PARALLEL RULE, solid brass, fine
finish, 9 in..... | Each
\$..... |
| No. 1855—ROLLING PARALLEL RULE, solid brass, fine
finish, 12 in..... | \$..... |
| No. 1856—ROLLING PARALLEL RULE, solid brass, fine
finish, 15 in..... | \$..... |
| No. 1857—ROLLING PARALLEL RULE, solid brass, fine
finish, 18 in..... | \$..... |
| No. 1858—ROLLING PARALLEL RULE, solid brass, fine
finish, 24 in..... | \$..... |

PANTOGRAPHS FOR ENLARGING AND REDUCING DRAWINGS



No. 1872

- No. 1870—**PANTOGRAPH**, Heavily Mounted, with nickel-plated elbow joint wheel, pencil holder and exchangeable point, finely polished, black figures, 21-in. arms. \$..... Each
- No. 1872—**PANTOGRAPH**, Brass mounted, with brass elbow joint wheel, pencil holder and movable point; polished black figures, 21-in. arms.....
- No. 1874—**PANTOGRAPH**, Brass Mounted, same as No. 1872 in every respect, except that it is not polished.....
- No. 1876—**PANTOGRAPH**, Brass Mounted, same as No. 1874 except movable point instead of wheel.....
- No. 1878—**PANTOGRAPH**, the best for the price. It has very neat and substantial trimmings, clean-cut figures; a very satisfactory instrument; 20-in. arms.....
- No. 1880—**PANTOGRAPH**, small, 17-in. arms.....
- No. 1882—**PANTOGRAPH**, Pear Wood, 22-in. arms.....
- No. 1884—**PANTOGRAPH**, Pear Wood, 41-in. arms.....

SUSPENDED PANTOGRAPHS FOR REDUCING FROM 20:1 TO 5:4 OR ENLARGING FROM 1:20 TO 4:5 IN ALL RATIOS



No. 1894

Suspended Pantograph of hollow, square metal bars, connected by cone joints. The bars are fully graduated and the edges of the sliding sockets are beveled to facilitate the reading of ratios. Solid iron standard with one extra weight. Tracing and pencil points are interchangeable. Instrument complete with adjustable tracing point, pencil point with three brass weights, two steel points, directions and formula for computing the setting of any ratio; in polished wooden case with lock and key.

	Each
No. 1890—Length of bars, 24 inches	\$
No. 1892—Length of bars, 28 inches	\$
No. 1894—Length of bars, 33 inches	\$
No. 1896—Length of bars, 38 inches	\$

No. 1900—CL
No. 1901—CL
No. 1904—CL
No. 1905—CL
No. 1908—CL
No. 1909—CL
No. 1910—SE

No. 1912—TR
No. 1913—TR
No. 1914—TR
No. 1915—TR
No. 1916—TR
No. 1917—TR

Drafting and Engineering Supplies

PROTRACTORS

PAPER PROTRACTORS

Each

No. 1900—CIRCULAR PROTRACTOR, on drawing paper, 8 in. diam., $\frac{1}{2}^{\circ}$ \$

No. 1901—CIRCULAR PROTRACTOR, on drawing paper, 14 in. diam., $\frac{1}{4}^{\circ}$

No. 1904—CIRCULAR PROTRACTOR, on bristol board, 8 in. diam., $\frac{1}{2}^{\circ}$

No. 1905—CIRCULAR PROTRACTOR, on bristol board, 14 in. diam., $\frac{1}{4}^{\circ}$

No. 1908—CIRCULAR PROTRACTOR, on tracing paper, 8 in. diam., $\frac{1}{2}^{\circ}$

No. 1909—CIRCULAR PROTRACTOR, on tracing paper, 14 in. diam., $\frac{1}{4}^{\circ}$

No. 1910—SEMICIRCULAR PROTRACTOR, on bristol board, 5 in. diam., $\frac{1}{2}^{\circ}$

TRIANGLE CELLULOID PROTRACTORS

TRANSPARENT



No. 1913



No. 1916

Each

No. 1912—TRIANGLE PROTRACTOR, transparent, 30°x60°, 5 in., 1° \$

No. 1913—TRIANGLE PROTRACTOR, transparent, 30°x60°, 6 in., 1°

No. 1914—TRIANGLE PROTRACTOR, transparent, 30°x60°, 7 in., 1°

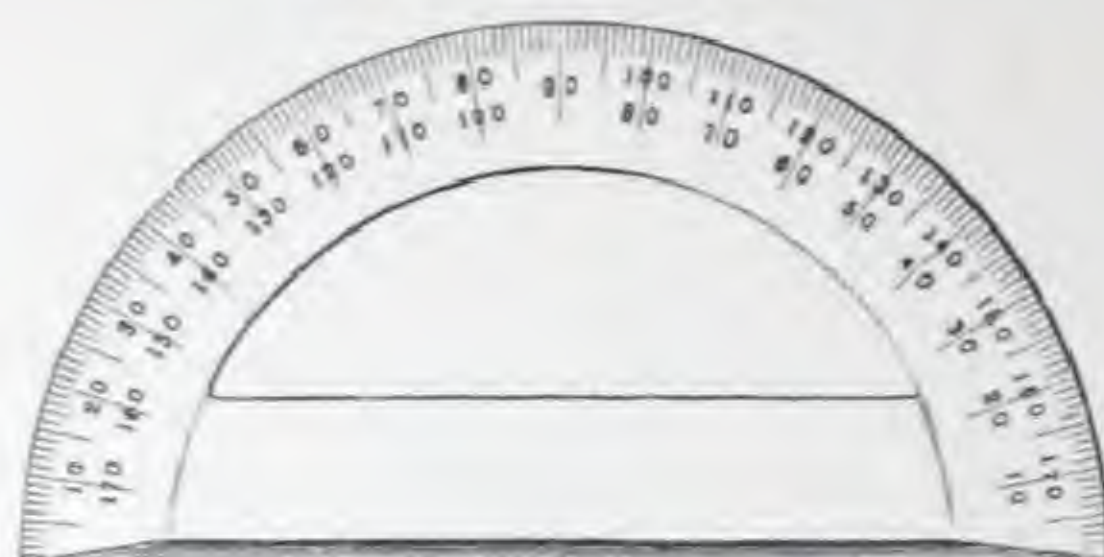
No. 1915—TRIANGLE PROTRACTOR, transparent, 45°, 5 in., 1°

No. 1916—TRIANGLE PROTRACTOR, transparent, 45°, 6 in., 1°

No. 1917—TRIANGLE PROTRACTOR, transparent, 45°, 7 in., 1°

The C.F. Pease Company

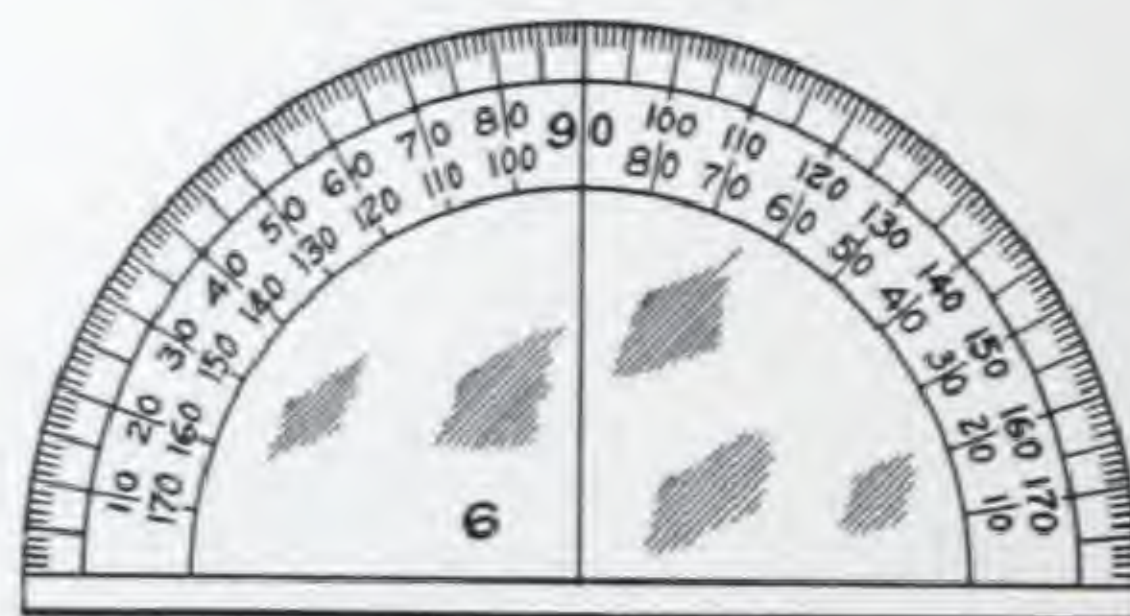
TRANSPARENT CELLULOID PROTRACTORS OPEN CENTER



No. 1918

	Each
No. 1918—SEMICIRCULAR PROTRACTOR, transparent, open center, 4 in. diam., $\frac{1}{2}^\circ$	\$
No. 1919—SEMICIRCULAR PROTRACTOR, transparent, open center, 5 in. diam., $\frac{1}{2}^\circ$	\$
No. 1920—SEMICIRCULAR PROTRACTOR, transparent, open center, 6 in. diam., $\frac{1}{2}^\circ$	\$
No. 1921—SEMICIRCULAR PROTRACTOR, transparent, open center, 7 in. diam., $\frac{1}{2}^\circ$	\$
No. 1922—SEMICIRCULAR PROTRACTOR, transparent, open center, 8 in. diam., $\frac{1}{2}^\circ$	\$

TRANSPARENT CELLULOID PROTRACTORS SOLID CENTER

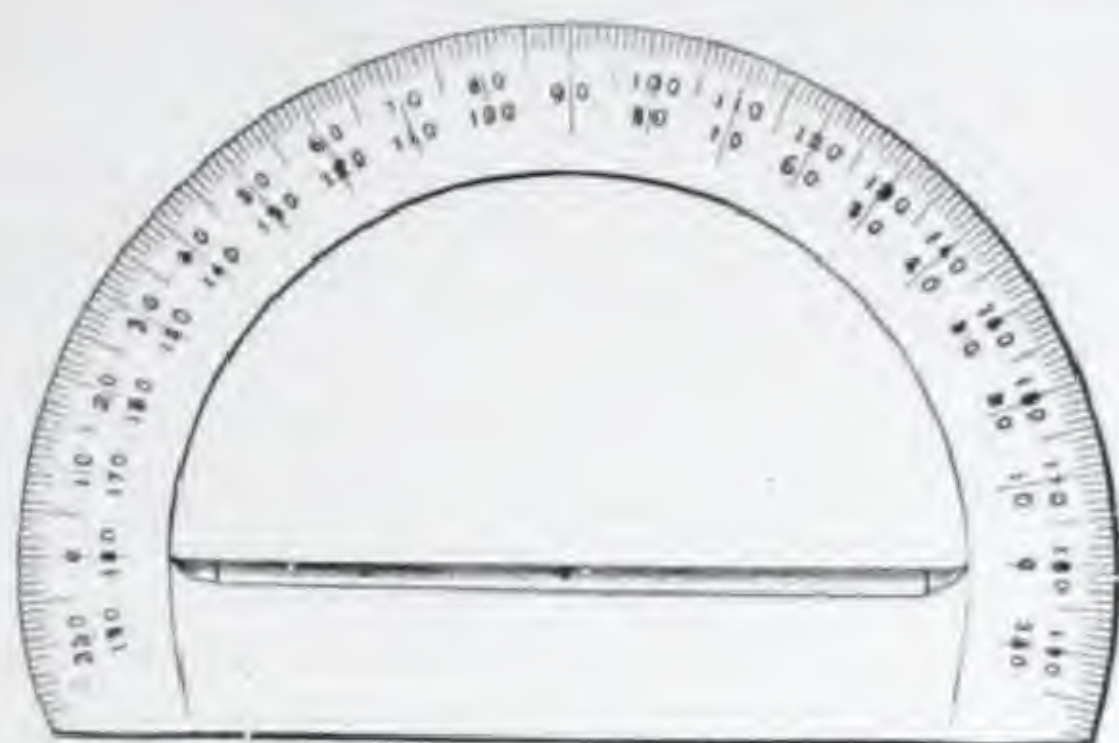


No. 1923

	Each
No. 1923—SEMICIRCULAR PROTRACTOR, transparent, solid center, 4 in. diam., $\frac{1}{2}^\circ$	\$
No. 1924—SEMICIRCULAR PROTRACTOR, transparent, solid center, 5 in. diam., $\frac{1}{2}^\circ$	\$
No. 1925—SEMICIRCULAR PROTRACTOR, transparent, solid center, 6 in. diam., $\frac{1}{2}^\circ$	\$
No. 1926—SEMICIRCULAR PROTRACTOR, transparent, solid center, 7 in. diam., $\frac{1}{2}^\circ$	\$
No. 1927—SEMICIRCULAR PROTRACTOR, transparent, solid center, 8 in. diam., $\frac{1}{2}^\circ$	\$

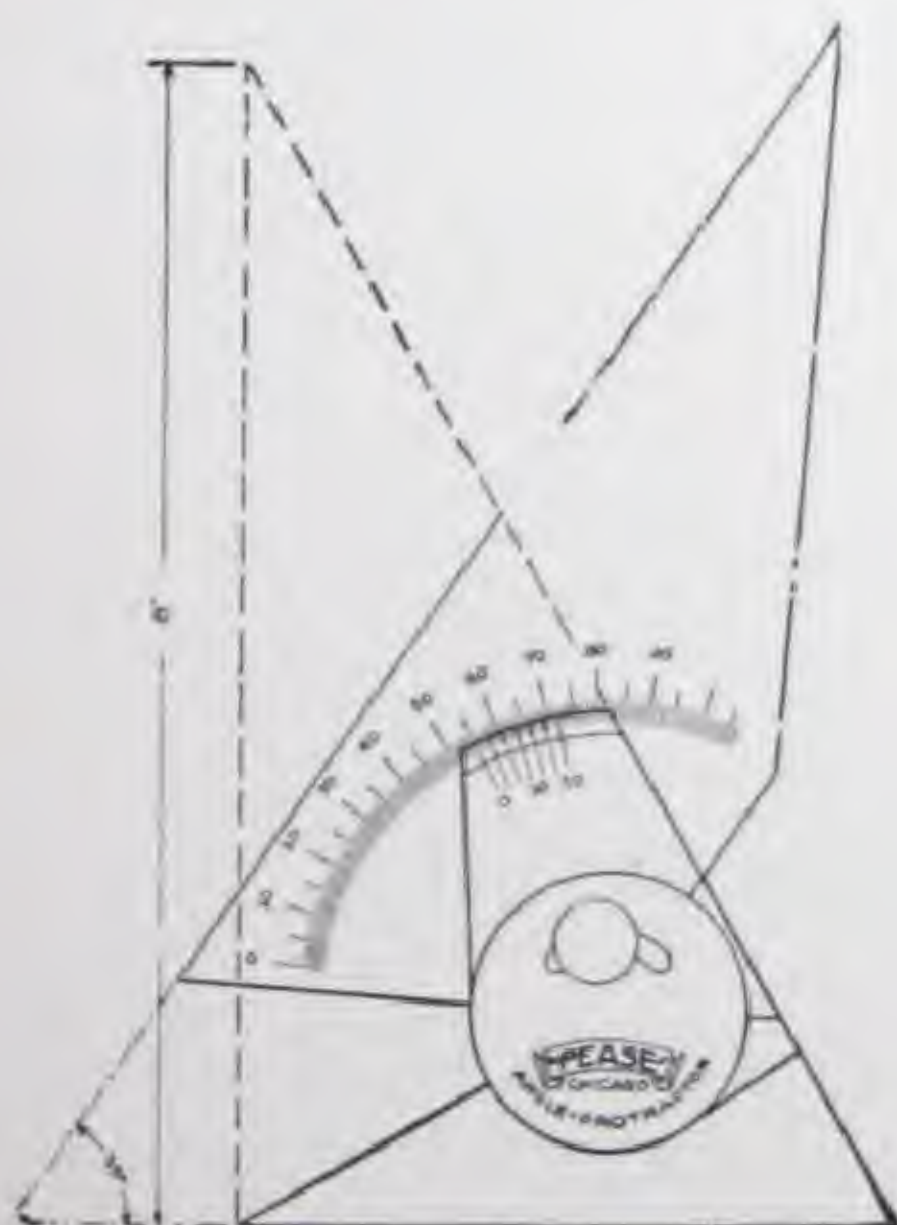
The solid center semicircular protractors listed above are highly recommended for college and school use. They are made of very transparent celluloid and are extremely accurate and at the same time are very moderately priced.

TRANSPARENT PROTRACTORS HEAVY, WITH BEVELED EDGES



No. 1931

- No. 1931—TRANSPARENT PROTRACTOR, semicircular, 6 in. beveled edge, $\frac{1}{2}^\circ$ Each \$
- No. 1933—TRANSPARENT PROTRACTOR, semicircular, 8 in., beveled edge, $\frac{1}{2}^\circ$ \$
- No. 1935—TRANSPARENT PROTRACTOR, circular, 6 in., beveled edge, $\frac{1}{2}^\circ$ \$
- No. 1937—TRANSPARENT PROTRACTOR, circular, 8 in., beveled edge, $\frac{1}{2}^\circ$ \$
- No. 1939—TRANSPARENT PROTRACTOR, circular, 10 in., beveled edge, $\frac{1}{2}^\circ$ \$



No. 1941

PEASE TRANSPARENT ANGLE PROTRACTOR

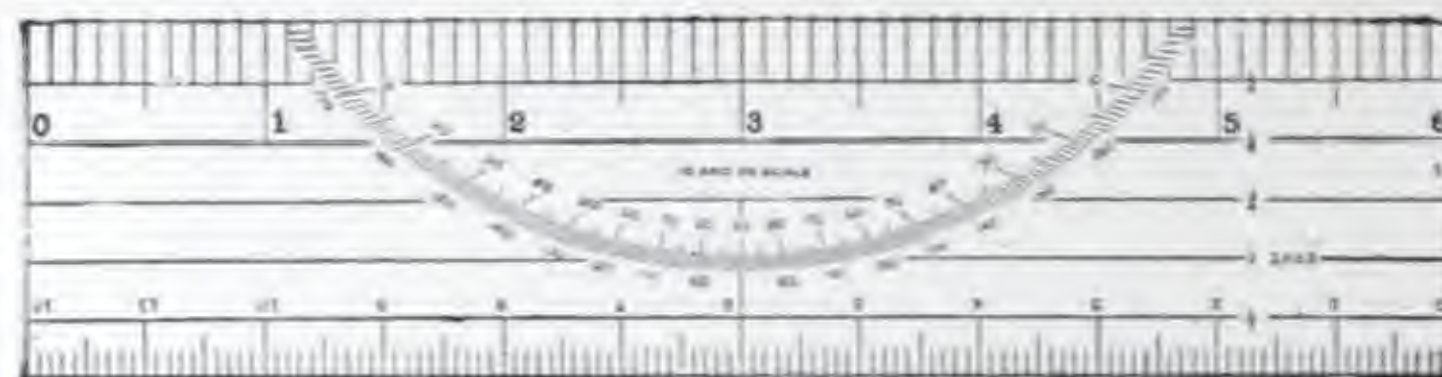
- No. 1941—PEASE TRANSPARENT ANGLE PROTRACTOR Each \$

The Pease Angle Protractor is an adjustable combination of a celluloid triangle and protractor, with a vernier which reads to ten minutes. When reading is at zero the instrument has the shape of an eight-inch 30°x60° triangle. It is a very handy instrument for college and school use, as it is a time saver and eliminates the use of a number of tools in dividing circles, transferring angles, et cetera.

The C.F. Pease Company

TRANSPARENT FLEXIBLE PARALLEL RULER AND SCALE PROTRACTOR

All of the combination scales and protractors listed below are made of clear, transparent celluloid and have just the right thickness to be perfectly flexible. They are six inches in length, and combine all advantages of a scale, parallel ruler, compass and protractor. Lines can easily be drawn either parallel or at any desired angle to each other, without measuring. Very convenient for civil and mechanical engineers, surveyors and architects for recording field notes and making sketches.



No. 1950

Each Dozen

No. 1950—COMBINATION TRANSPARENT FLEXIBLE SCALE AND PROTRACTOR, divided 10 and 20 parts to the inch for civil engineers and surveyors \$ \$

No. 1952—COMBINATION TRANSPARENT FLEXIBLE SCALE AND PROTRACTOR, same as No. 1950, but divided 100 parts to the foot, 10 parts to the inch, for civil engineers and surveyors \$ \$



No. 1954

Each Dozen

No. 1954—COMBINATION TRANSPARENT FLEXIBLE SCALE AND PROTRACTOR, divided $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, 1 inch to the foot for architects and mechanical engineers \$ \$



No. 1956

Each Dozen

No. 1956—COMBINATION TRANSPARENT FLEXIBLE SCALE AND PROTRACTOR, divided 8ths, 16ths, 32ds; centimeters. For general use, particularly adapted for students of mathematics, etc. \$ \$

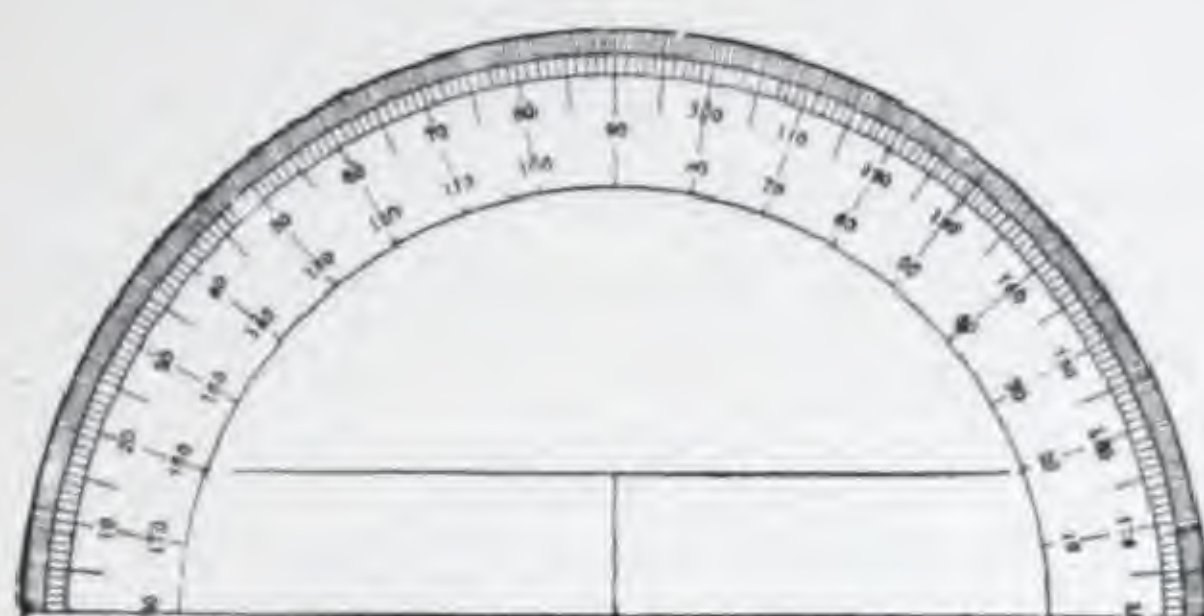
No. 1961—SE
No. 1962—SE
No. 1963—SE
No. 1964—SE

No. 1966—SE
in.
rat
No. 1967—SE
ele

No. 1970—SE
No. 1971—SE
No. 1972—SE
No. 1973—SE
No. 1974—SE

METAL PROTRACTORS

Brass



No. 1961

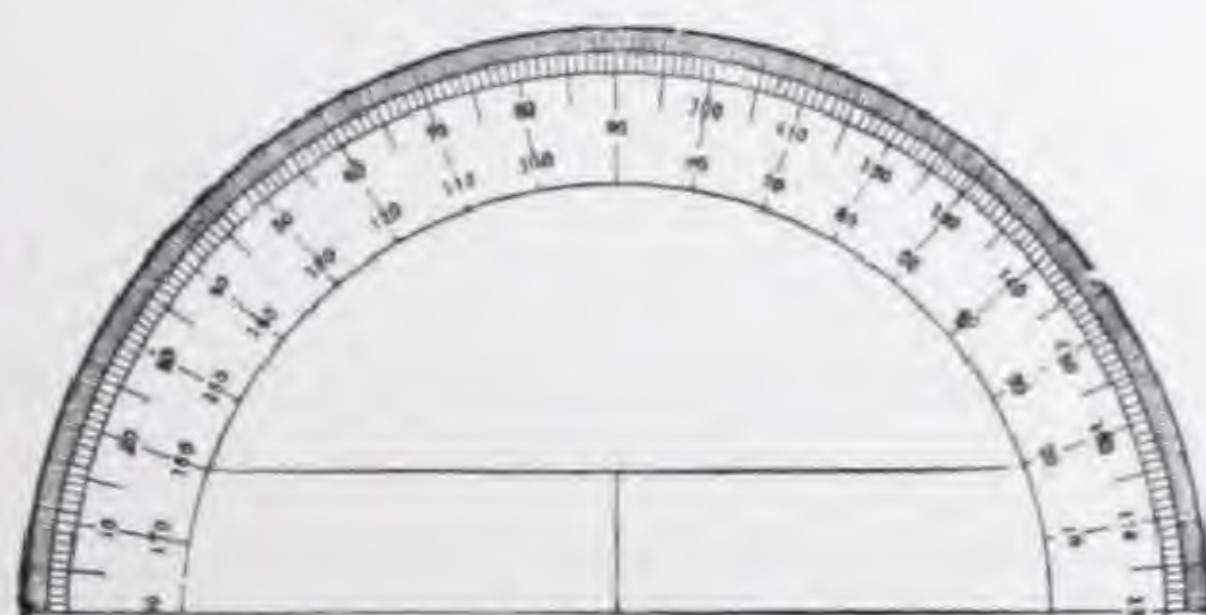
Semicircular—Brass

	Each
No. 1961—SEMICIRCULAR, brass, $3\frac{1}{2}$ in., 1°	\$
No. 1962—SEMICIRCULAR, brass, $4\frac{1}{4}$ in., 1°	\$
No. 1963—SEMICIRCULAR, brass, $5\frac{1}{8}$ in., $\frac{1}{2}^\circ$	\$
No. 1964—SEMICIRCULAR, brass, $6\frac{3}{8}$ in., $\frac{1}{2}^\circ$	\$

Brass—Etched

	Each	Dozen	Gross
No. 1966—SEMICIRCULAR, brass $3\frac{1}{2}$ in., 1° , black graduations accurately etched	\$	\$	\$
No. 1967—SEMICIRCULAR, brass, nickel- eled, $3\frac{5}{8}$ in., 1°	\$	\$	\$

NICKEL SILVER



No. 1970

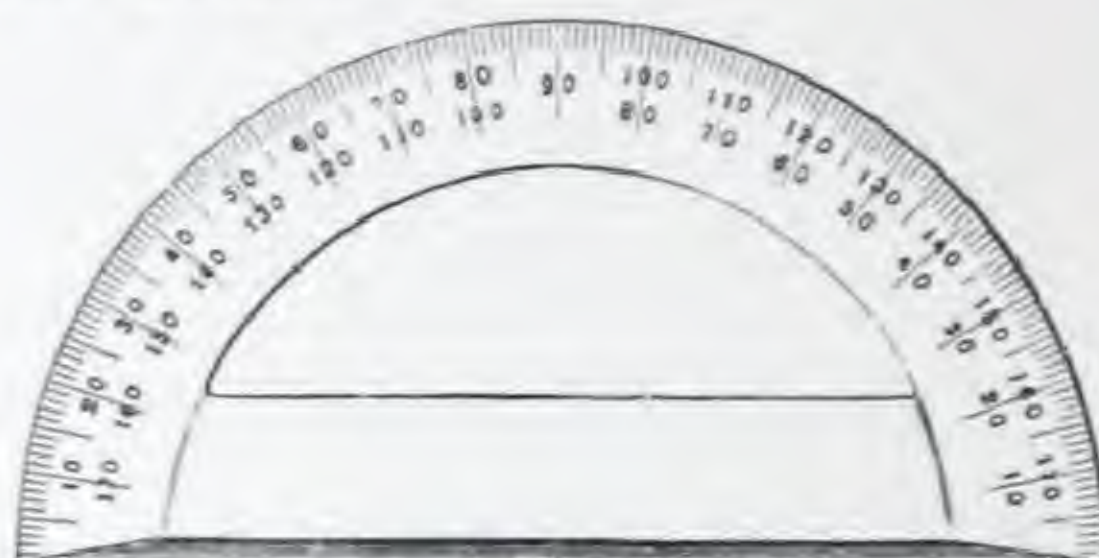
Semicircular—Nickel Silver

	Each
No. 1970—SEMICIRCULAR, nickel silver, $4\frac{1}{4}$ in., 1°	\$
No. 1971—SEMICIRCULAR, nickel silver, $5\frac{1}{8}$ in., $\frac{1}{2}^\circ$	\$
No. 1972—SEMICIRCULAR, nickel silver, $6\frac{3}{8}$ in., $\frac{1}{2}^\circ$	\$
No. 1973—SEMICIRCULAR, nickel silver, $7\frac{1}{2}$ in., $\frac{1}{2}^\circ$	\$
No. 1974—SEMICIRCULAR, nickel silver, $8\frac{1}{2}$ in., $\frac{1}{2}^\circ$	\$

The C.F. Pease Company

PEERLESS PROTRACTORS HIGHEST QUALITY—NICKEL SILVER

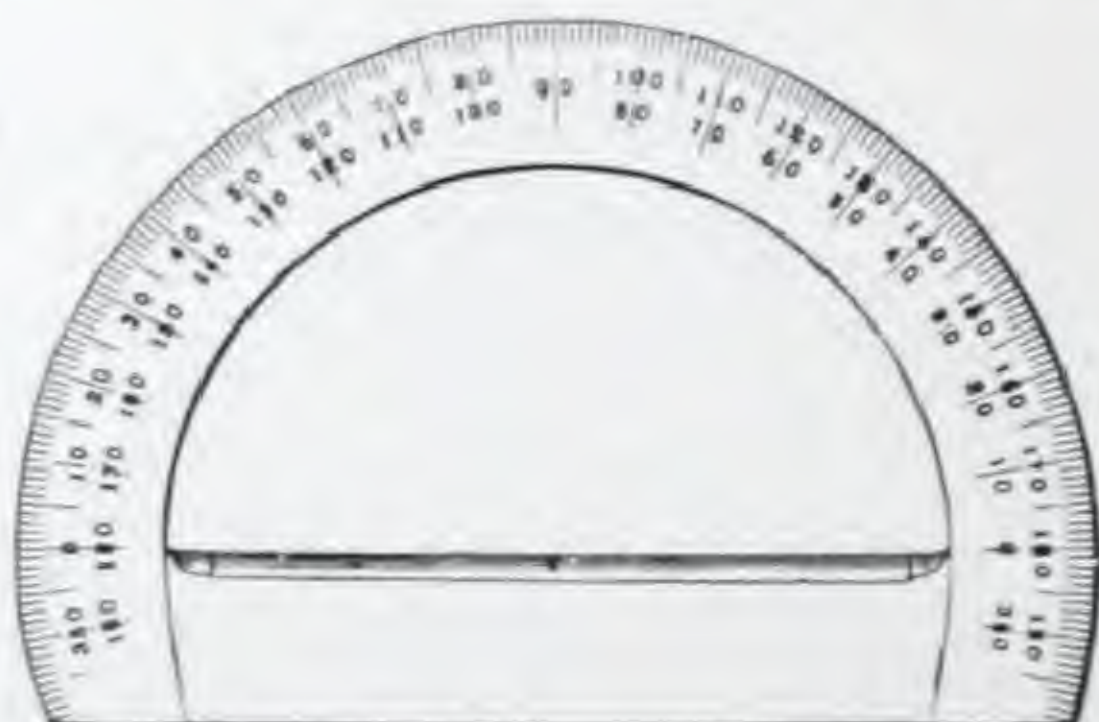
PEERLESS Protractors are highly recommended for the exacting engineer or draftsman. Ideally suited for mapping and topographical work. They are made of the highest grade nickel silver and are very sharply and clearly divided.



No. 1975

SEMICIRCULAR—CENTER ON OUTER EDGE

	Each
No. 1975—SEMICIRCULAR, nickel silver, 4 in., beveled edge, 1°	\$
No. 1976—SEMICIRCULAR, nickel silver, 5 in., beveled edge, $\frac{1}{2}^{\circ}$
No. 1977—SEMICIRCULAR, nickel silver, 6 in., beveled edge, $\frac{1}{2}^{\circ}$
No. 1978—SEMICIRCULAR, nickel silver, 7 in., beveled edge, $\frac{1}{2}^{\circ}$
No. 1979—SEMICIRCULAR, nickel silver, 8 in., beveled edge, $\frac{1}{2}^{\circ}$



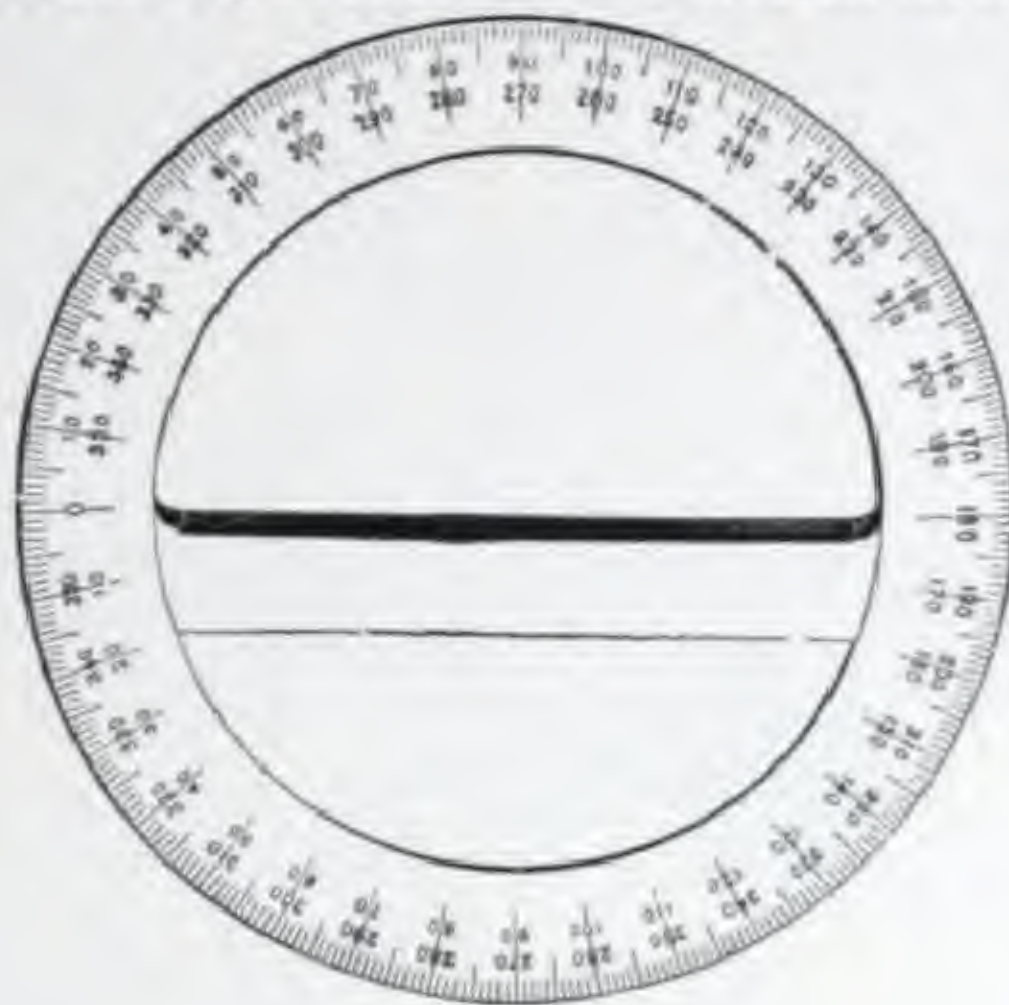
No. 1982

SEMICIRCULAR—CENTER ON INNER EDGE

	Each
No. 1982—SEMICIRCULAR, nickel silver, 4 in., beveled edge, 1°	\$
No. 1983—SEMICIRCULAR, nickel silver, 5 in., beveled edge, $\frac{1}{2}^{\circ}$
No. 1984—SEMICIRCULAR, nickel silver, 6 in., beveled edge, $\frac{1}{2}^{\circ}$
No. 1985—SEMICIRCULAR, nickel silver, 6 in., beveled edge, $\frac{1}{2}^{\circ}$

Drafting and Engineering Supplies

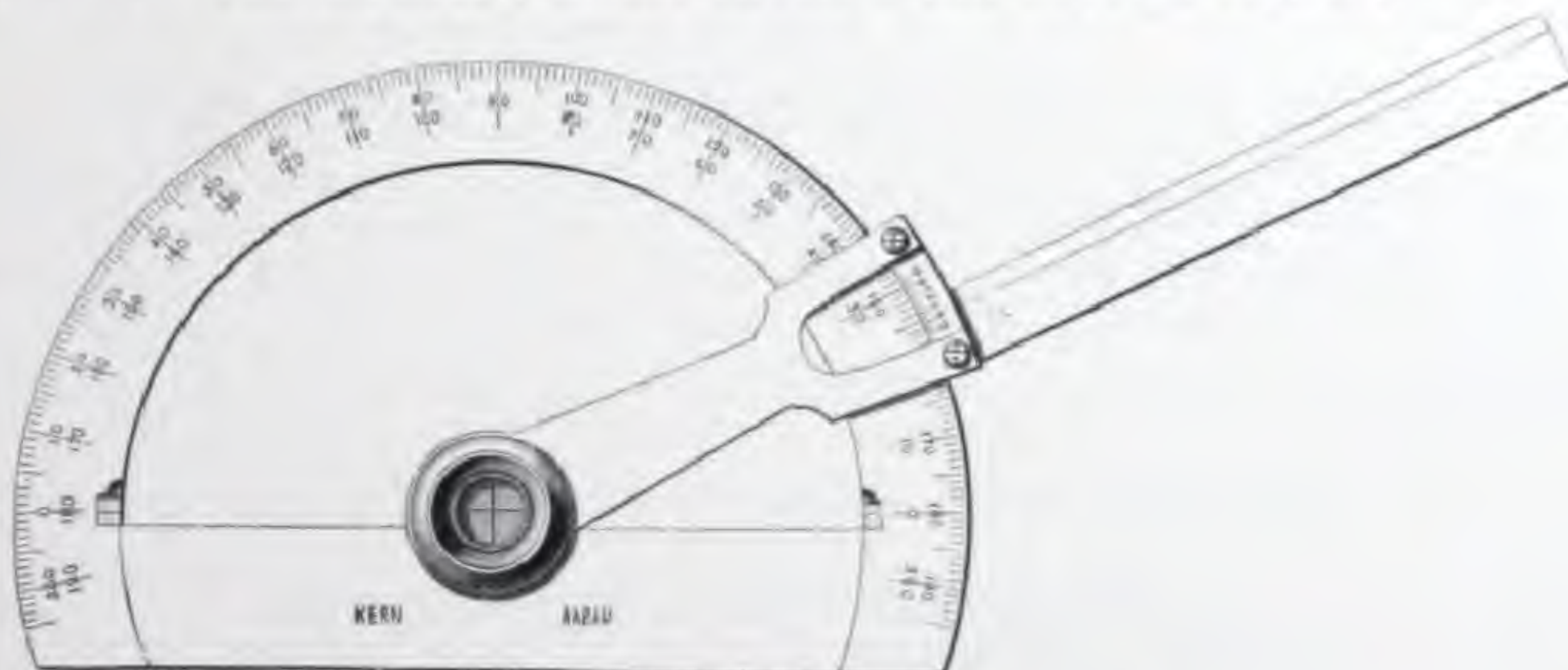
PEERLESS PROTRACTORS HIGHEST QUALITY—NICKEL SILVER



No. 1987

CIRCULAR

No. 1987—**CIRCULAR**, nickel silver, 5 in., beveled edge, $1\frac{1}{2}^\circ$. . . Each \$



No. 1988

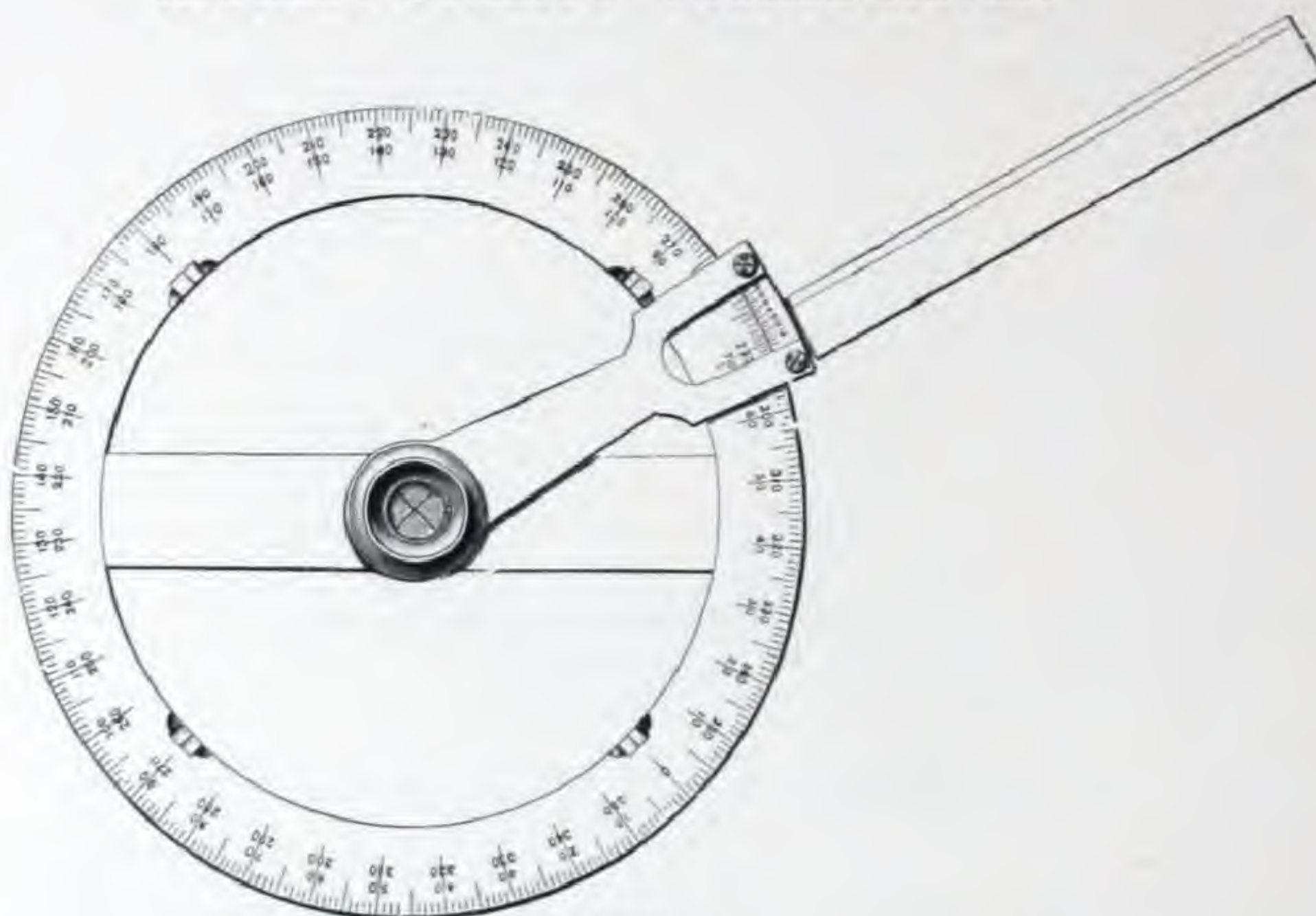
SEMICIRCULAR, WITH VERNIER AND HORN CENTER

- No. 1988—**NICKEL SILVER**, $5\frac{1}{2}$ in., $1\frac{1}{2}^\circ$, vernier reading to 3 min. Each \$
- No. 1989—**NICKEL SILVER**, 8 in., $\frac{1}{4}^\circ$, vernier reading to 1 min.
- No. 1990—**NICKEL SILVER**, 10 in., $\frac{1}{4}^\circ$, vernier reading to 1 min.

Length of arm beyond outer edge of protractors No. 1988, $5\frac{1}{2}$ in., No. 1989, 6 in.; No. 1990, $6\frac{1}{2}$ in.

The C.F. Pease Company

PEERLESS PROTRACTORS HIGHEST QUALITY—NICKEL SILVER



No. 1993

CIRCULAR, WITH VERNIER AND HORN CENTER

	Each
No. 1992—NICKEL SILVER, 5½ in., ½°, vernier reading to 3 min.	\$
No. 1993—NICKEL SILVER, 8 in., ¼°, vernier reading to 1 min.	\$
No. 1994—NICKEL SILVER, 10 in., ¼°, vernier reading to 1 min.	\$
Length of arm beyond outer edge of protractors No. 1992, 5½ in.; No. 1993, 6 in. No. 1994, 6½ in.	

DRAFTSMEN'S STEEL PROTRACTORS

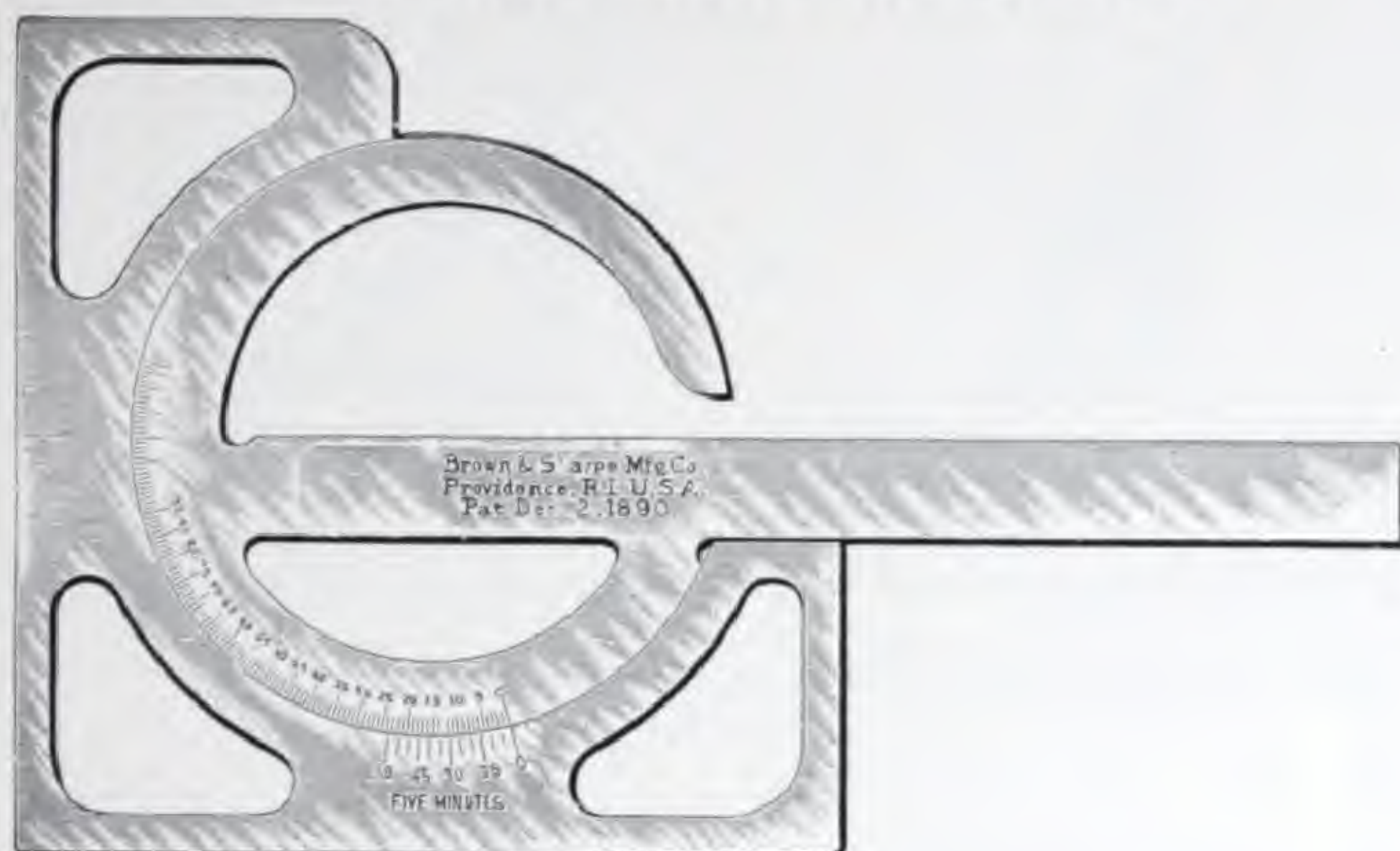


No. 1995

	Each
No. 1995—DRAFTSMEN'S STEEL PROTRACTOR.	\$
No. 1996—Like No. 1995, but in mahogany case.	\$

The blades of the No. 1995 Protractor are about 9 inches long. The arc is 4 inches in diameter, graduated to degrees, with vernier reading to five minutes. By means of a clamping screw, the blades can be held securely at any angle, and the screw also serves very conveniently as a knob handle. Either blade can be used against a T-square, giving any angle and its complement from 0° to 90°, the instrument therefore being practically an adjustable triangle.

DRAFTSMEN'S STEEL PROTRACTORS



No. 1997

- | | |
|---|----------|
| No. 1997—DRAFTSMEN'S STEEL PROTRACTOR, with | Each |
| directions, without case | \$ |
| | |
| No. 1998—DRAFTSMEN'S STEEL PROTRACTOR, in | |
| morocco case ..... | ..... |

The No. 1997 Draftsman's Steel Protractor is made of sheet steel. One side of this protractor is graduated to degrees with a vernier reading to five minutes. The instrument is perfectly flat on both surfaces and can therefore be used on either edge of the blade or with either side up. This is a decided advantage in dividing circles, transferring angles, drawing oblique blinds at right angles to each other, or laying off given angles on each side of a line without changing the setting. A very useful table for laying out tapers, dividing circles and laying out geometrical figures is furnished with the instrument.

In using this protractor, it will be found advisable to occasionally wipe with an oiled cloth, the groove and tongue of the instrument so that the surfaces may work freely against each other.

The C.F. Pease Company

WOODEN TRIANGLES



No. 2000



No. 2001

Our Wooden Triangles are made of thoroughly seasoned wood with inlaid joints.

No. 2000—CHERRY TRIANGLES, framed, mortised joints, 30°x60°.

	Size, inches	8	10	12	14
Each		\$	\$	\$	\$

No. 2001—CHERRY TRIANGLES, framed, mortised joints, 45°x45°.

	Size, inches	6	8	10	12
Each		\$	\$	\$	\$

No. 2002—PEARWOOD TRIANGLES, framed, extra quality, 30°x60°.

	Size, inches	8	10	12	14
Each		\$	\$	\$	\$

No. 2003—PEARWOOD TRIANGLES, framed, extra quality, 45°x45°.

	Size, inches	6	8	10	12
Each		\$	\$	\$	\$

MORTISED JOINTS



No. 2004



No. 2005

No. 2004—TRIANGLES, mahogany, ebony lined, 30°x60°.

	Size, inches	8	10	12	14
Each		\$	\$	\$	\$

No. 2005—TRIANGLES, mahogany, ebony lined, 45°x45°.

	Size, inches	6	8	10	12	14
Each		\$	\$	\$	\$	\$

TRANSPARENT CELLULOID TRIANGLES

These triangles are made of clear, very transparent celluloid. They are accurate in every respect and unbreakable, as they are extremely flexible. Highly recommended for college and school use in place of the old style black celluloid triangles which we have discontinued.



No. 2006



No. 2007

PLAIN, WITHOUT FINGER LIFTS

No. 2006—TRANSPARENT CELLULOID TRIANGLES, 30°x60°, plain.

	Size, inches	4	6	7	8	9	10
Each.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....

No. 2007—TRANSPARENT CELLULOID TRIANGLES, 45°x45°, plain.

	Size, inches	4	6	7	8	9	10
Each.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....



No. 2008



No. 2009

IMPROVED, WITH FINGER LIFTS

No. 2008—TRANSPARENT CELLULOID TRIANGLES, 30°x60°, with finger lifts.

	Size, inches	4	6	7	8	9	10
Each.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....

No. 2009—TRANSPARENT CELLULOID TRIANGLES, 45°x45°, with finger lifts.

	Size, inches	4	6	7	8	9	10
Each.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....

The C.F. Pease Company

TRANSPARENT CELLULOID TRIANGLES IMPROVED, WITH FINGER LIFTS



No. 2014



No. 2016



No. 2015

No. 2014—TRANSPARENT CELLULOID TRIANGLES, 30°x60°, with finger lifts.

Size, inches	4	5	6	8	10	12	14	16	18
Each	\$...	\$...	\$...	\$...	\$...	\$...	\$...	\$...	\$...

No. 2015—TRANSPARENT CELLULOID TRIANGLES, 45°x45°, with finger lifts.

Size, inches	3	4	6	8	10	12	14	16	18
Each	\$...	\$...	\$...	\$...	\$...	\$...	\$...	\$...	\$...

No. 2016—TRANSPARENT CELLULOID TRIANGLES, 22 1/2°x67 1/2°, with finger lifts.

Size, inches	4	6	8	10	12	14	16
Each	\$...	\$...	\$...	\$...	\$...	\$...	\$...

PEERLESS GREEN CELLULOID TRIANGLES WITH FINGER LIFTS



No. 2018



No. 2019

Made of extremely hard transparent Green Celluloid. Restful to the eyes as it casts no shadows. Orange colored lines appear black. Unsurpassed for working under electric light.

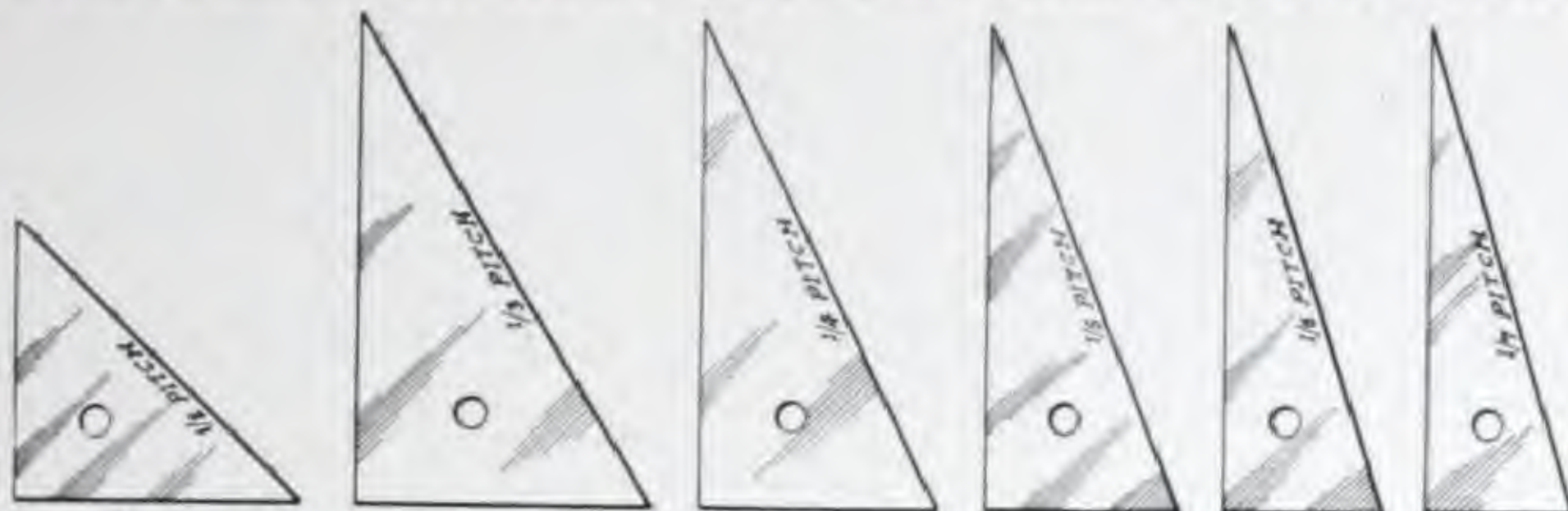
No. 2018—PEERLESS GREEN CELLULOID TRIANGLES, 30°x60°.

Size, inches	4	6	7	8	9	10	12
Each	\$...	\$...	\$...	\$...	\$...	\$...	\$...

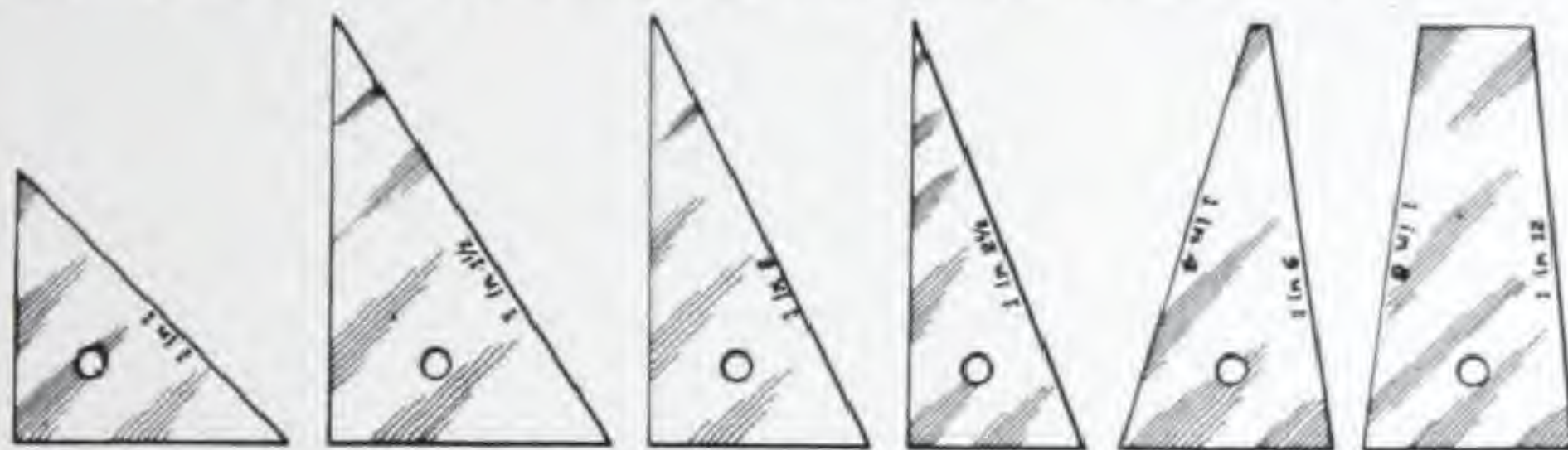
No. 2019—PEERLESS GREEN CELLULOID TRIANGLES, 45°x45°.

Size, inches	4	5	6	7	8	10
Each	\$...	\$...	\$...	\$...	\$...	\$...

TRIANGLES FOR ROOF PITCHES AND EMBANKMENTS

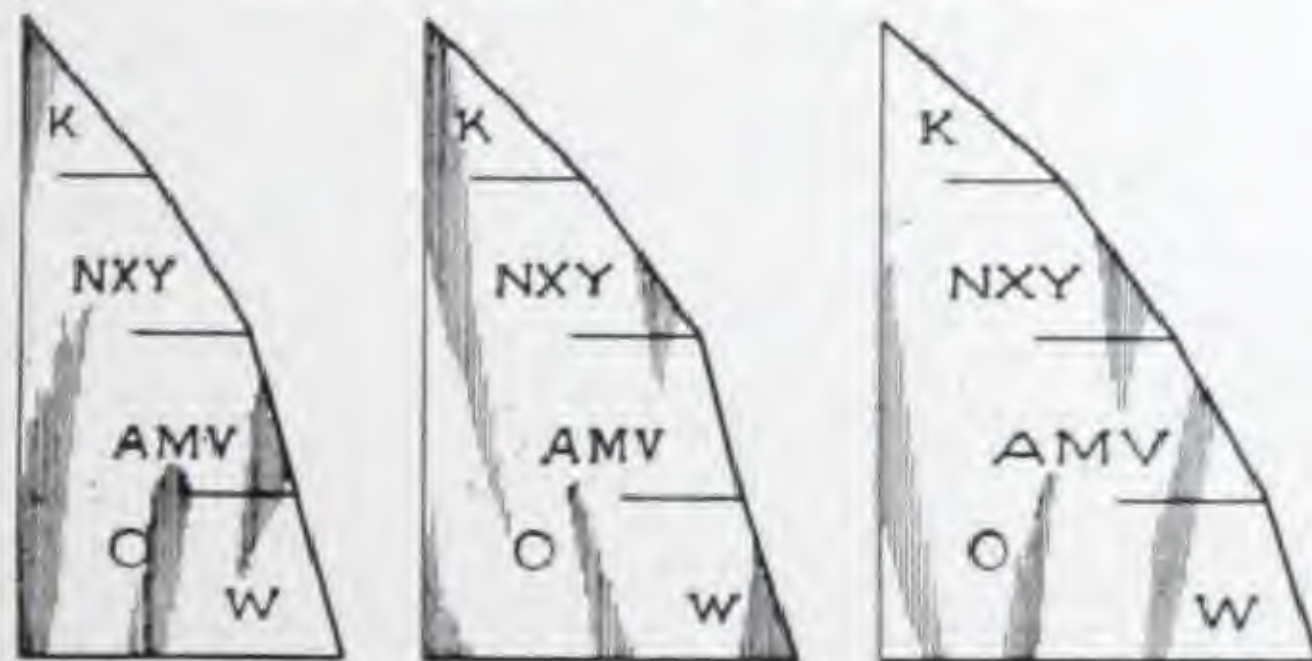


No. 201—TRANSPARENT TRIANGLES, for roof pitches, 6 in set Per Set \$..... Each \$.....



No. 202—TRANSPARENT TRIANGLES, for embankments,
8 slopes on 6 templets Per Set \$..... Each \$.....

LETTERING TRIANGLES



No. 205—LETTERING TRIANGLES, of transparent celluloid, 3 in set Per Set \$.....



No. 207—LETTERING TEMPLETS, transparent, 3 1/2 in., 3 in set Per Set \$.....

PEASE "UNIQUE" LETTERING ANGLES

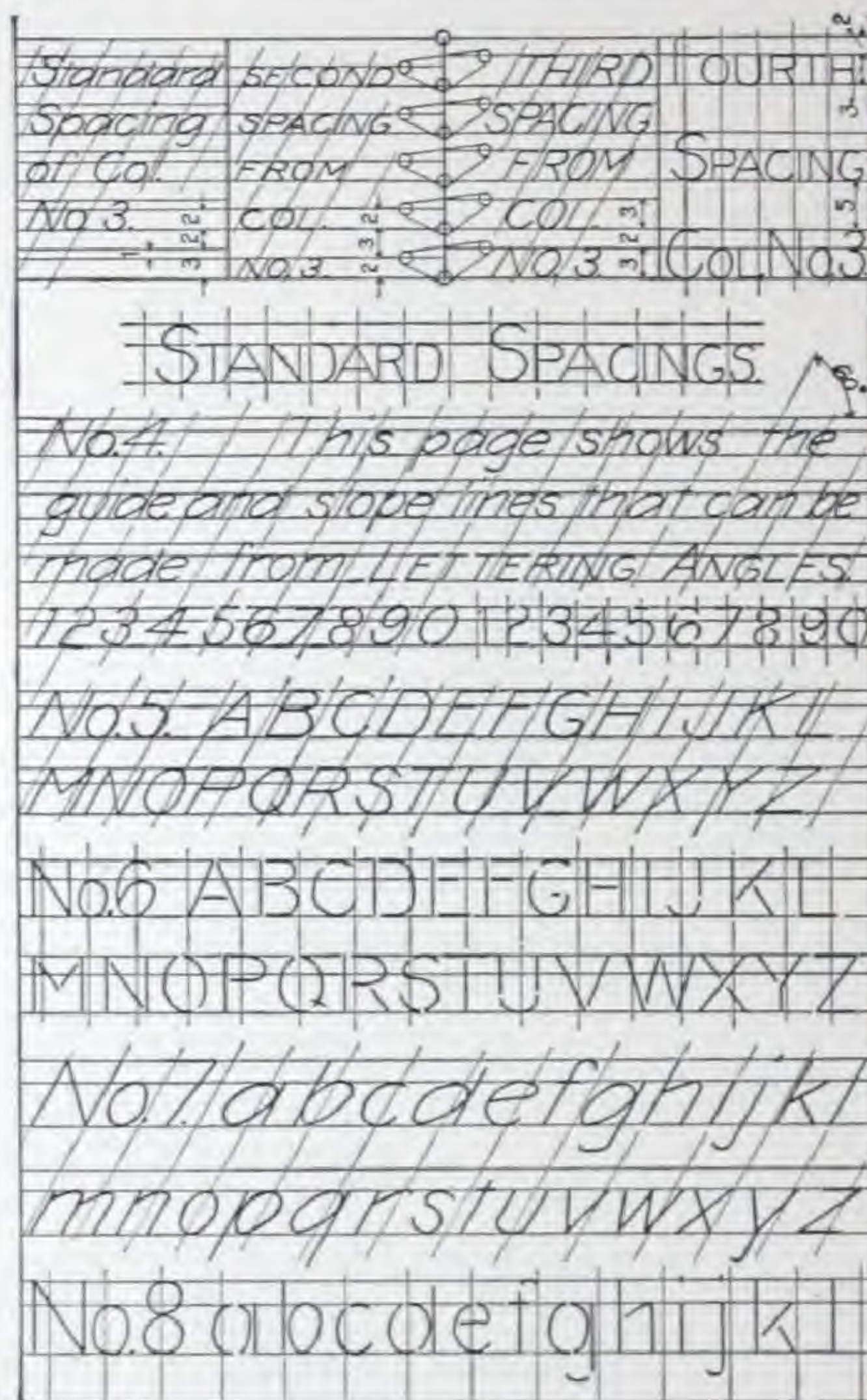
Many a fine drawing is ruined because of imperfect lettering — drawings that would otherwise be perfect. The Pease "Unique" Lettering Angle enables the beginner in mechanical drawing, as well as the experienced draftsman, to letter with extreme accuracy.

This angle is meeting with universal favor and is being used largely by the U. S. Government offices, technical schools, engineers, architects, artists and students, etc. It is

indispensable to any one requiring parallel lines at uniform spacings.

GUIDE LINES DRAWN QUICKLY

A feature of the Pease "Unique" Lettering Angle is the tapered holes uniformly spaced in such a way that practically any desired spacing of guide lines for lettering can be obtained accurately and quickly by drawing lines with a pencil point inserted through the tapered holes and sliding the angle over the T-square or another triangle, then placing the pencil point through another hole and sliding back. Guide lines can be drawn in this manner much more rapidly than by laying them off with scale or dividers.



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Style
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All Pe
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or 67½°
used for
uniform

PEASE "UNIQUE" LETTERING ANGLES

The figure under each column denotes the height of the standard capital letters in thirty-seconds of an inch. Spacing for the lower case letters is also provided in each column, being two-thirds the height of the capitals.

The Pease "Unique" Lettering Angle is designed to slide on the hypotenuse when making standard spacings, but either of the other sides may be used for other spacings.

FURNISHED IN THREE STYLES

The Lettering Angle is furnished in three styles, Style A, Style B, and Style C. Style A, in addition to the holes for lettering, has lines scored upon it which are particularly valuable when sketching or doing work without the use of the T-square as it facilitates the drawing of one line at right angles to another.

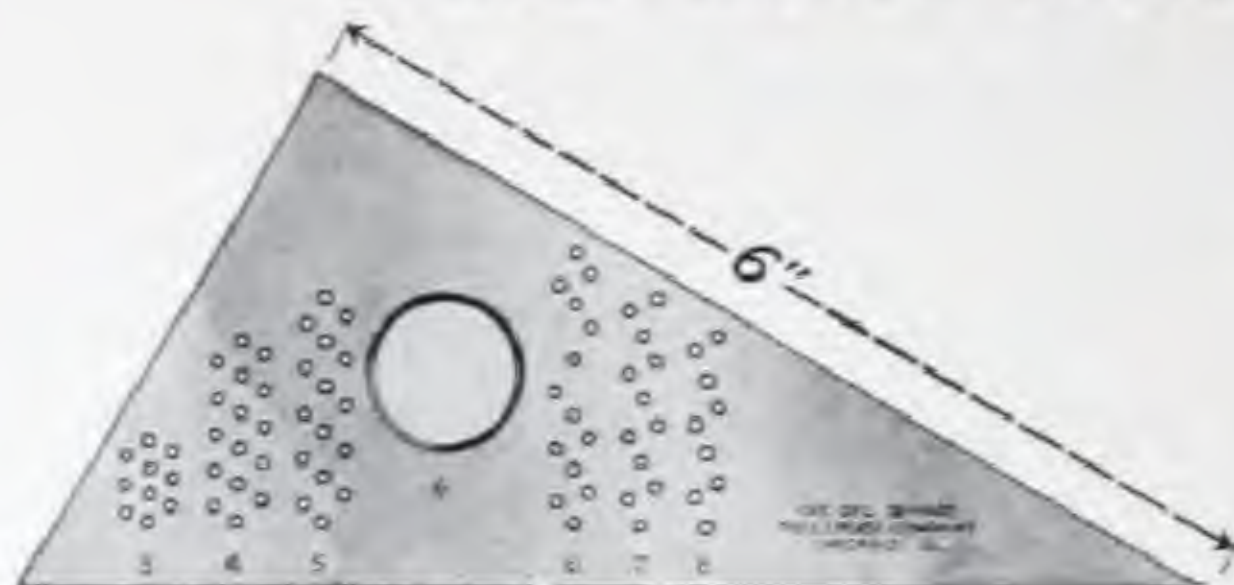
These lines are scored on the under side of the Lettering angle and throw no shadow. They enable one to obtain angles of 15° , 30° , 45° , 60° , 75° and 90° , from either a 45° or 60° triangle, by setting these scored lines on the drawing board. Style B Lettering Angle contains the lettering feature only, which is sufficient for all ordinary uses.

Style C is made only in the 8-inch size, 45° , and has lettering holes on the long leg only.

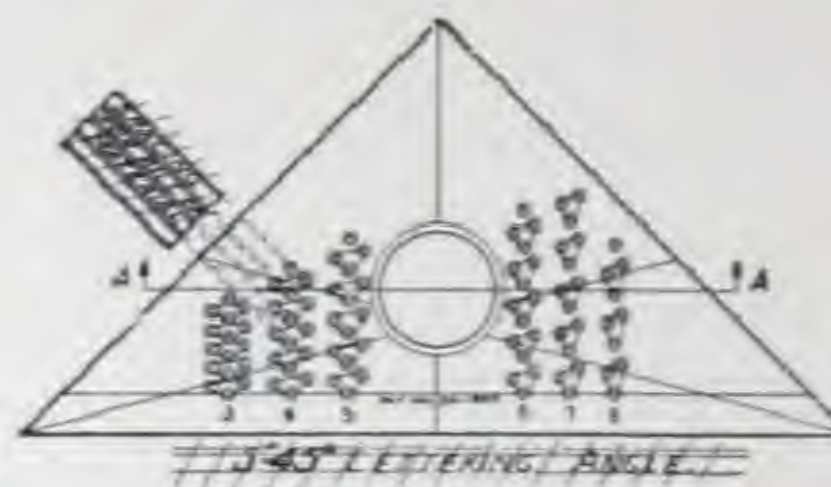
All Pease "Unique" Lettering Angles with exception of the 4-inch 45° and 5-inch $30^\circ \times 60^\circ$ sizes, can now be furnished with a $67\frac{1}{2}^\circ$ slot, or $67\frac{1}{2}^\circ$ corner, at no additional charge. Both the slot and corner are used for making $67\frac{1}{2}^\circ$ slope lines which are very useful in obtaining a uniform slope in the letters.

SEE NEXT PAGE FOR SIZES CARRIED

PEASE "UNIQUE" LETTERING ANGLES



No. 2029



No. 2030

Accurate Within 3,000ths of an Inch

The best transparent material is used in manufacturing the Pease "Unique" Lettering Angles, which are thicker than most triangles on the market. The edges of the angles are accurate within 3,000ths of an inch and the bevel pick-up makes them very easy to handle. The Lettering Angle, being the addition of the lettering feature to the standard angle, provides the user with another instrument without taking up more room on the crowded drawing board.

The Pease "Unique" Lettering Angle has become standard equipment in various types of offices. It is inexpensive, accurate, saves time and costs but little more than an ordinary triangle. In addition it does better work with less effort and handling.

Descriptive pamphlets sent with Lettering Angles describe the several uses in detail.

	Style A No. 2028	Style B No. 2029
30°x60°		
5-INCH LETTERING ANGLE	\$	\$
6-INCH LETTERING ANGLE		
7-INCH LETTERING ANGLE		
8-INCH LETTERING ANGLE		
9-INCH LETTERING ANGLE		
	Style A No. 2030	Style B No. 2031
45°x45°		
4-INCH LETTERING ANGLE	\$	\$
5-INCH LETTERING ANGLE		
6-INCH LETTERING ANGLE		
7-INCH LETTERING ANGLE		
8-INCH LETTERING ANGLE		
		Style C No. 2032
45°x45°		
8-INCH LETTERING ANGLE		\$

Lettering Angles Can be Provided with a 67½° Slot if Desired. In ordering,
Please Add the Prefix "S" to the Respective Catalog Number

Drafting and Engineering Supplies

STRAIGHTEDGES



No. 2033

No. 2033—CHERRY STRAIGHTEDGE.

	Size, inches	15	18	24	30	36	42
Each		\$...	\$...	\$...	\$...	\$...	\$...



No. 2034

No. 2034—HARDWOOD STRAIGHTEDGE, maple lined.

	Size, inches	24	30	36	42	48	54	60	72
Each		\$...	\$...	\$...	\$...	\$...	\$...	\$...	\$...



No. 2035

No. 2035—MAHOGANY STRAIGHTEDGE, ebony lined.

	Size, inches	24	30	36	42	48	54	60
Each		\$...	\$...	\$...	\$...	\$...	\$...	\$...



No. 2037

No. 2037—MAPLE STRAIGHTEDGE, transparent edges.

	Size, inches	18	24	30	36	42	48	54
Each		\$...	\$...	\$...	\$...	\$...	\$...	\$...

No. 2038—STEEL STRAIGHTEDGE, nickel plated, one edge beveled.

	Size, inches	18	24	30	36	42	48
Each		\$...	\$...	\$...	\$...	\$...	\$...

No. 2039—STEEL STRAIGHTEDGE, nickel plated, square edges.

	Size, inches	18	24	30	36	42	48
Each		\$...	\$...	\$...	\$...	\$...	\$...

The C.F. Pease Company

PEASE PARALLEL RULE ATTACHMENT CAN BE USED WITH ANY DRAWING TABLE



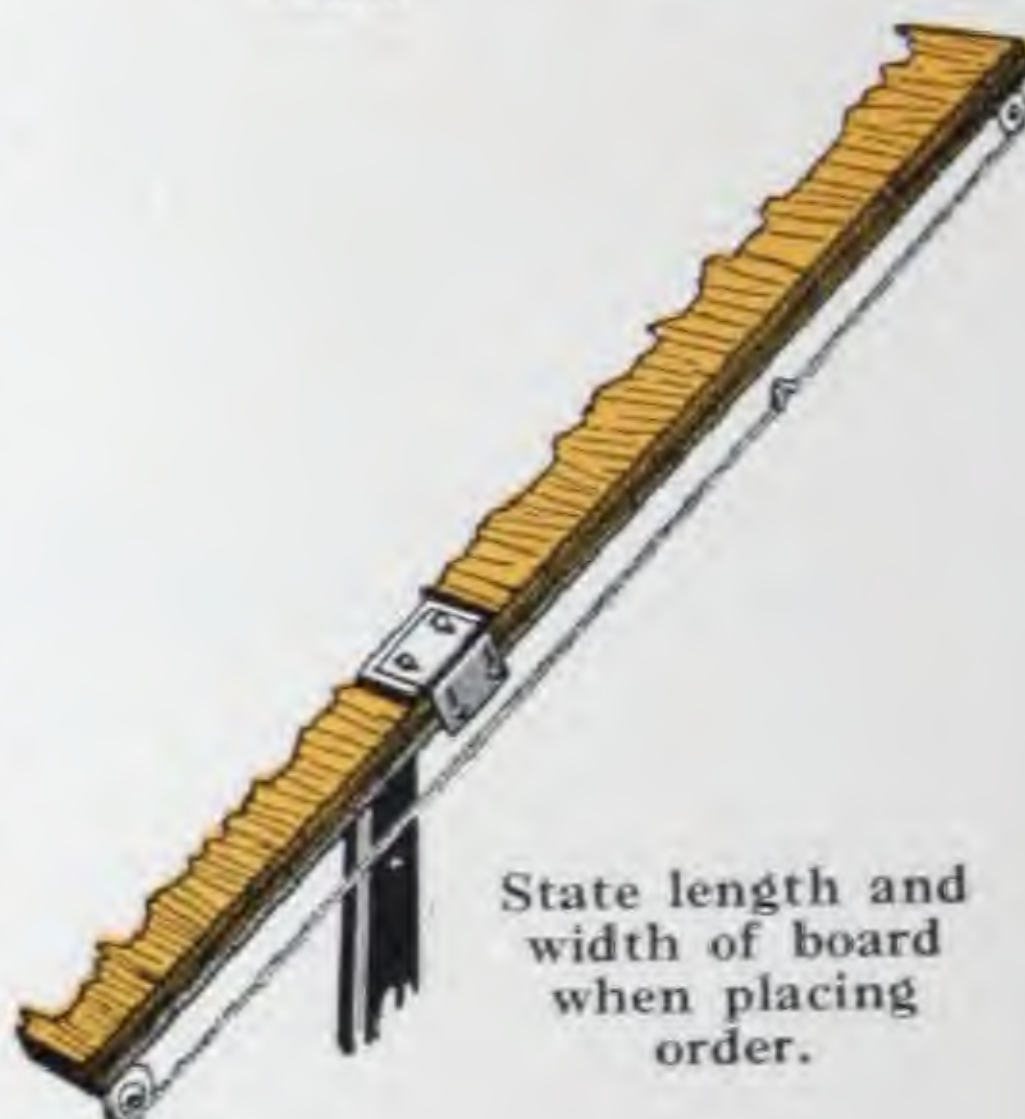
The Pease Parallel Rule Attachment is simply constructed, entirely of metal, consists of very few parts, slides smoothly and evenly in just a second between the top and bottom of the board.

Always handy—never in the way—eliminates lost motion—and the complete mechanism is entirely beneath the table top.

Sliding along on the face of the board, one at each side in parallel position to each other, are two special clamps designed for holding any standard straightedge. For separate prices and descriptions on straightedges, see preceding page.

Showing Simple Construction Meaning Simple Operation

Note simple construction in these close-up views of working mechanism. Consists of only four sprocket wheels, a connecting rod between two of the wheels, two endless chains, two sliding clamps for the Parallel Rule, and two screw tension regulators for taking up slack in chain.



State length and width of board when placing order.



NO STRINGS OR CORDS
TO STRETCH OR BREAK

The Pease Parallel Rule attachment is so simplified both in design and operation that it seems a part of the drafting table. Nothing complicated—nothing to get out of order—and the device can be installed in a short time with no thought of further attention.

No. 2041—PEASE PARALLEL RULE ATTACHMENT, not including straightedge. (See Page 187 for straightedges) Each \$

Drafting and Engineering Supplies

PARALLEL RULE ATTACHMENT

This attachment consists of four $\frac{7}{8}$ -inch pulleys and a tightener, as shown in the cut below, together with sufficient flexible wire of special make to properly adjust a suitable straightedge to the largest size boards.



No. 2040—PARALLEL RULE ATTACHMENT WITHOUT STRAIGHTEDGE Each \$.....

STRAIGHTEDGES FOR PARALLEL RULE ATTACHMENTS

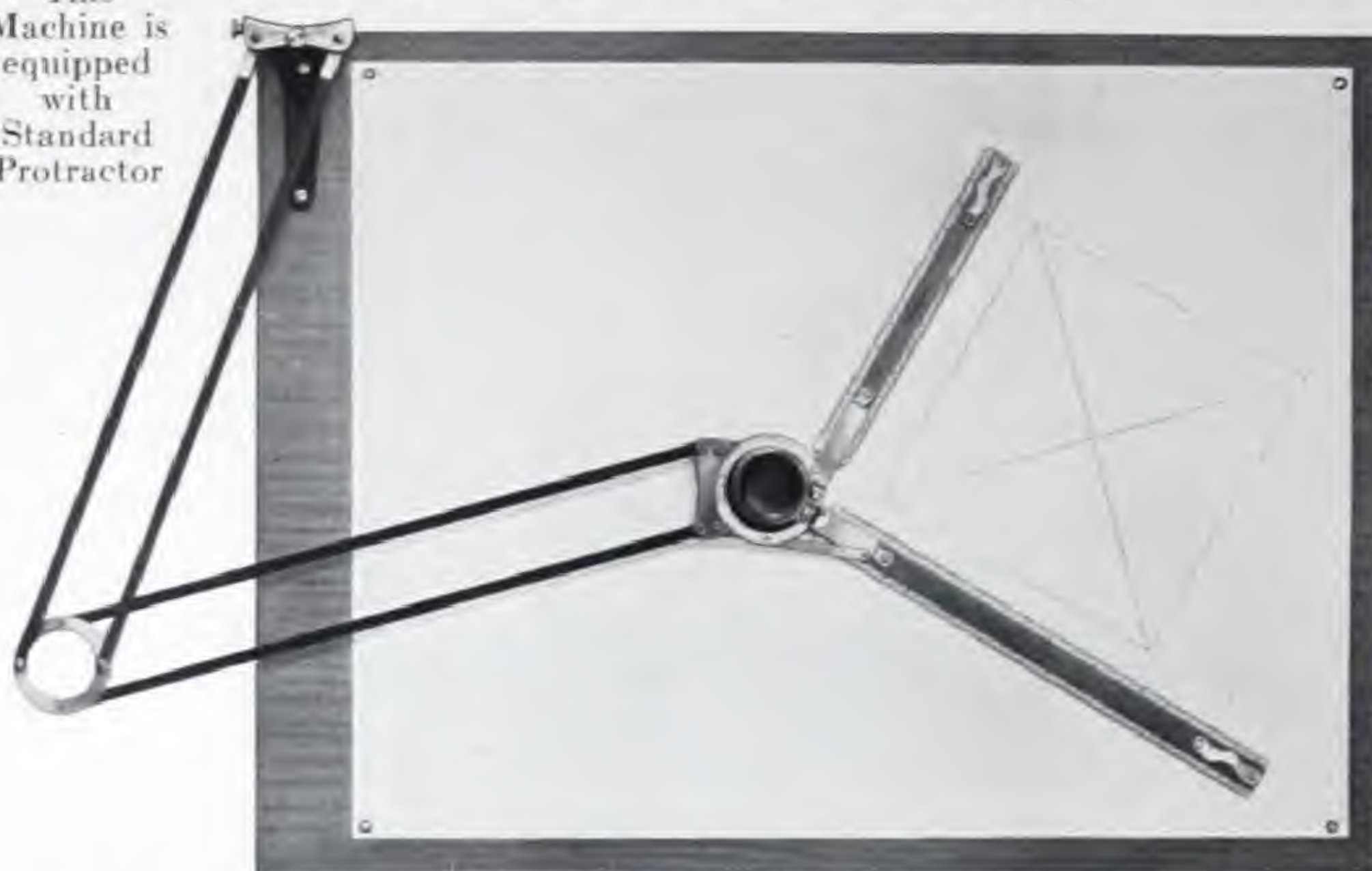
	Length of board, inches	42	48	54	60	72	84
No. 2043—MAPLE, Celluloid lined, for 2041 attachment.	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....
No. 2042—ASH, Maple lined, for 2040 attachment.
No. 2044—MAPLE, Celluloid lined, for 2040 attachment.

Drafting
Room
Furni-
ture

Desk,
chairs,
stools,
etc.

UNIVERSAL DRAFTING MACHINE

This Machine is equipped with Standard Protractor



Machine is detachable at anchor by means of a thumb screw and may be removed or interchanged between boards without removing anchor. Additional anchors may be purchased separately. (See page 191 for Anchors.)

With Solid Rods and Corner Anchor

Complete machine is hinged at anchor so that entire device may be easily raised for removing or replacing drawing sheets. There is also a thumb screw in the anchor for regulating the height at which the machine travels above the drawing.

Joints consist of hardened, ground and polished cylindrical pins working in hardened, ground and polished bearings with grooves for proper lubrication and a spring washer for protection against dirt.

- | | |
|---|------|
| No. 2060—UNIVERSAL DRAFTING MACHINE, size 18, for drawings up to 18x24 inches, without scales | Each |
| No. 2061—UNIVERSAL DRAFTING MACHINE, size 24, for drawings up to 24x36 inches, without scales | \$ |
| No. 2062—UNIVERSAL DRAFTING MACHINE, size 28, for drawings up to 30x42 inches, without scales | \$ |

HARDENED JOINT SOLID ROD MACHINE WITH STANDARD PROTRACTOR AND MID ANCHOR

- | | |
|---|------|
| No. 2065—UNIVERSAL DRAFTING MACHINE, size 18, for drawings up to 20x30 inches, without scales | Each |
| No. 2066—UNIVERSAL DRAFTING MACHINE, size 24, for drawings up to 30x42 inches, without scales | \$ |
| No. 2067—UNIVERSAL DRAFTING MACHINE, size 28, for drawings up to 36x50 inches without scales | \$ |
- Machines, Any Style, for larger Size Drawings, extra.

SEE CHART ON PAGE 192 FOR CAPACITIES

Machine ha
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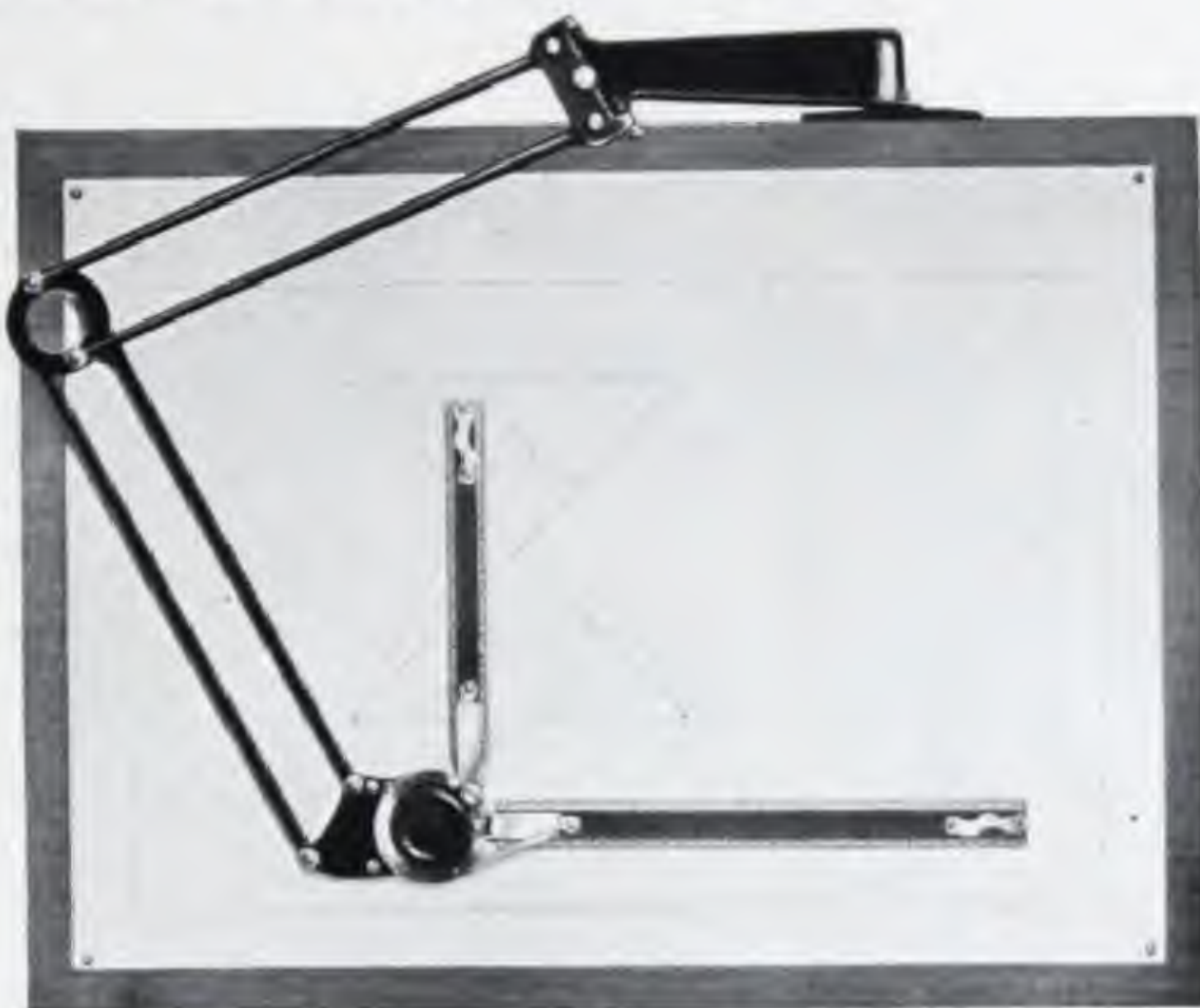
The p
Normally
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No. 2075—
No. 2076—
No. 2077—

No. 2070—
No. 2071—
No. 2072—

UNIVERSAL DRAFTING MACHINE

Machine has ball bearing joints practically frictionless and with absolutely no play whatever. Machine is light in weight, possessing great rigidity, is exceedingly accurate and practically trouble-proof.



With Tubular Rods and Mid Anchor

It is only necessary to touch the ball bearing tubular rod drafting machine in order to appreciate the light, smooth, floating motion and the extreme convenience and ease with which it is moved to any point on the board. The rods are especially designed to stand stress and strain and ball bearings are of the four point type by means of which a single race of ball bearings takes stress in all directions, running in hardened, ground and polished races electrically welded to the tubular rods.

The protractor is the controlling center of the Drafting Machine. Normally it is on the left hand side and from this position all of the motions of the machine are readily controlled and the right hand of the operator remains free for drawing. On Standard Protractors, positive automatic stops make it unnecessary to read or clamp the protractor at the most frequently used angles—a still further saving of time and effort.

- No. 2075—UNIVERSAL DRAFTING MACHINE, size 18, for drawings up to 20x30 inches, without scales Each \$
- No. 2076—UNIVERSAL DRAFTING MACHINE, size 24, for drawings up to 30x42 inches, without scales Each \$
- No. 2077—UNIVERSAL DRAFTING MACHINE, size 28, for drawings up to 36x50 inches, without scales Each \$

Ball Bearing Tubular Rod Machine with Standard Protractor and Corner Anchor

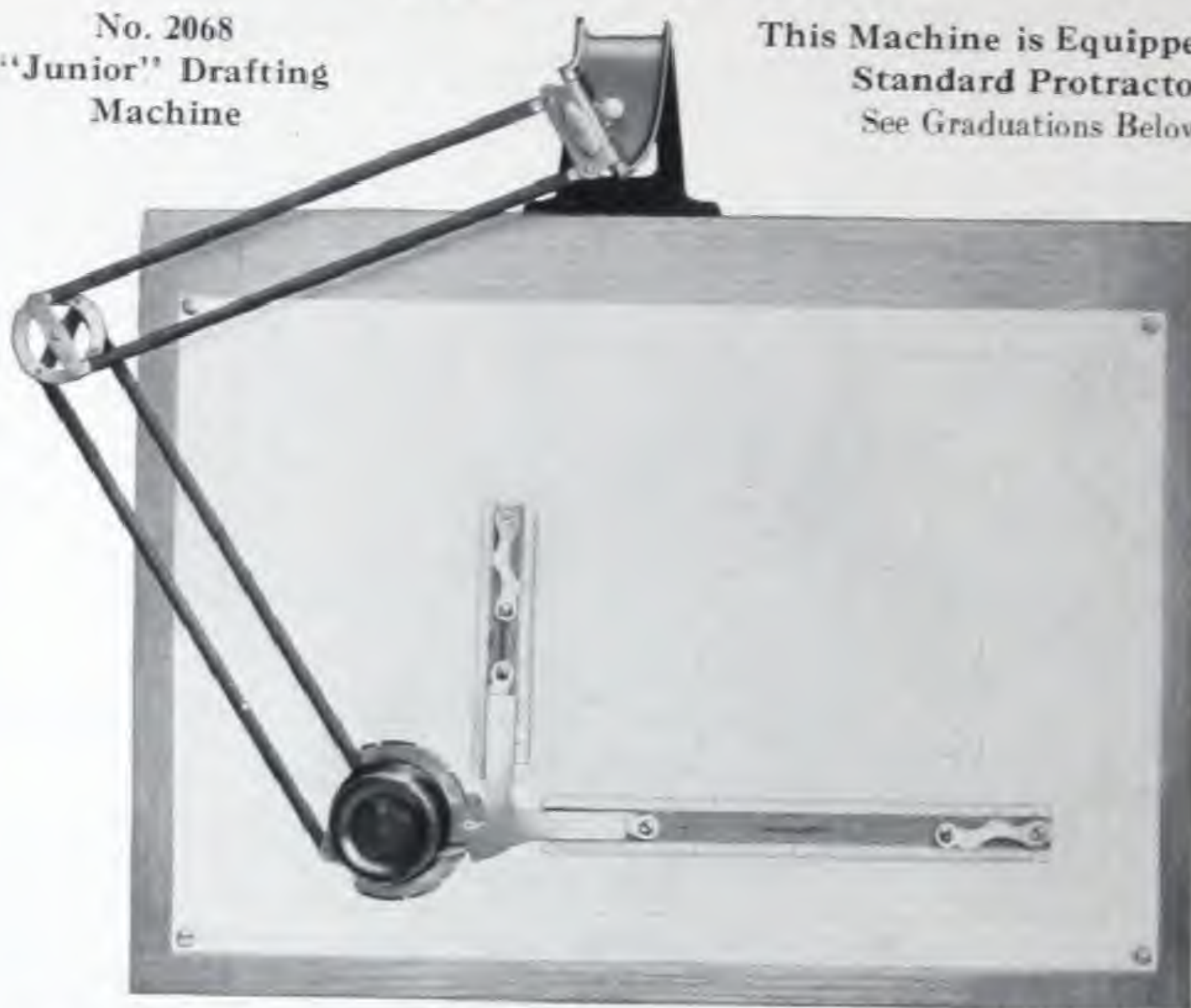
- No. 2070—UNIVERSAL DRAFTING MACHINE, size 18, for drawings up to 18x24 inches, without scales Each \$
 - No. 2071—UNIVERSAL DRAFTING MACHINE, size 24, for drawings up to 24x36 inches, without scales Each \$
 - No. 2072—UNIVERSAL DRAFTING MACHINE, size 28, for drawings up to 30x42 inches, without scales Each \$
- Machines, Any Style, for Larger Size Drawings, extra

The C.F. Pease Company

UNIVERSAL DRAFTING MACHINE Special "Junior" Model

No. 2068
"Junior" Drafting
Machine

This Machine is Equipped with
Standard Protractor
See Graduations Below



The "Junior" Drafting Machine, while not designed for use in the drafting room, is the most convenient means of making small drawings or outline sketches at your desk, in the shop, at home, or when away on a trip. Students especially progress rapidly in learning how to make and read drawings by aid of the "Junior" Drafting Machine.

This machine is designed to be used on a 22x28 inch drawing board and its ordinary working capacity is 18x24 inches, although it will cover almost the entire board. It may also be obtained in smaller sizes.

Joints are ball pivots held in position by spring tension acting at right angles to the plane of the board, insuring absolute tightness and automatically taking up wear.

The protractor is graduated to degrees, is made of German silver, and has automatic stops for the zero, 30, 45, 60, and 90 degree angles, both ways. The square may be swung through 180 degrees and may be clamped at any angle. Same scales as on larger machines may be used, although 6 inch and 12 inch scales are especially recommended. See page 193.

Ball Pivot Joint Solid Rod Machine with Standard Protractor and Corner Anchor

No. 2063—"JUNIOR" DRAFTING MACHINE for drawings up to 18x24 inches, without scales. Each \$

Ball Pivot Joint Solid Rod Machine with Standard Protractor and Mid Anchor

No. 2068—"JUNIOR" UNIVERSAL DRAFTING MACHINE for drawings up to 18x24 inches, without scales.

ANCHORS FOR UNIVERSAL DRAFTING MACHINES

It is the general practice to order additional anchors with machines so that the drafting machine may be easily and quickly changed from one board to another when this is desirable. In attaching machines to anchors, machine should be adjusted so that the ring travels above the board in such a manner that the rods lie in planes parallel to the surface of the board.

For Corner Anchor Machines



TYPE E—Used where the anchor is placed at the corner of the board. Drawing board should be 7 inches longer than the drawing.

TYPE H—Is sometimes used where frequent change of the machine is made from one board to another. A number of these are sometimes used on long boards, and the machine simply slips into place and clamps itself by its own weight.



TYPE K—This is a weight anchor, requiring no fastening, and may be placed anywhere upon the board at any angle.

TYPE "E" IS REGULARLY FURNISHED with Corner Anchor Machines

For Mid Anchor Machines



TYPE A—This type of anchor is intended for permanent position and has drilled holes for securing to edge of board with screws.

TYPE C—This type of anchor clamps to the board by means of two thumb screws and may be readily moved from one point to another on the board.



TYPE D—This anchor is used where it is desired to make the drawings as large as the board, and permits a free overall drawing surface.

When anchors are ordered separate from the machine, style of machine for which anchor is intended, should be given.

TYPE "A" IS REGULARLY FURNISHED with Mid Anchor Machines

The C.F. Pease Company

SCALES FOR UNIVERSAL DRAFTING MACHINES

Scales for use with Universal Drafting Machines are especially made so that numbering reads from the protractor end of the scales which are somewhat wider than ordinary scales.

We recommend the use of 18 inch horizontal and 12 inch vertical scales for all drawings larger than 18x24 inches and 12 inch horizontal and 6 inch vertical scales on all drawings of smaller dimensions.

BOXWOOD SCALES (Including Chucking Plate)

No. 2080—BOXWOOD SCALES, 24-in., white edge	Each
No. 2081—BOXWOOD SCALES, 18-in., white edge	\$
No. 2082—BOXWOOD SCALES, 12-in., white edge	
No. 2083—BOXWOOD SCALES, 6 in., white edge	

STRAIGHTEDGES FOR INKING (Including Chucking Plate)

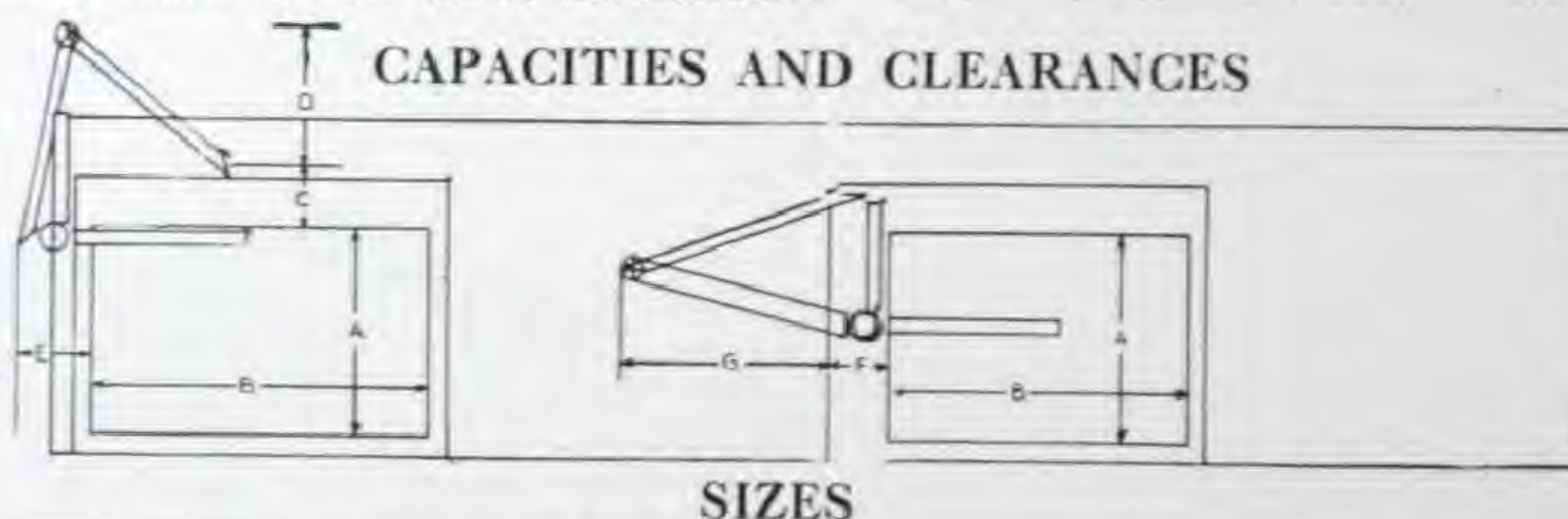
No. 2084—STRAIGHTEDGE, 36-in., maple edges	Each
No. 2085—STRAIGHTEDGE, 24-in., maple edges	\$
No. 2086—STRAIGHTEDGE, 18-in., maple edges	
No. 2087—STRAIGHTEDGE, 12-in., maple edges	
No. 2090—STRAIGHTEDGE, 36-in., celluloid edges	
No. 2091—STRAIGHTEDGE, 24-in., celluloid edges	
No. 2092—STRAIGHTEDGE, 18-in., celluloid edges	
No. 2093—STRAIGHTEDGE, 12-in., celluloid edges	

PROTRACTORS FOR ARCHITECTURAL AND STRUCTURAL WORK

With Solid Rod Machines, corner anchors	Each
With Solid Rod Machines, mid anchors	\$
With Tubular Rod Machines, corner anchors	
With Tubular Rod Machines, mid anchors	

CIVIL ENGINEERS' PROTRACTORS

With Solid Rod Machines, corner anchors	Each
With Solid Rod Machines, mid anchors	\$
With Tubular Rod Machines, corner anchors	
With Tubular Rod Machines, mid anchors	



MID ANCHOR FORM

Size	Rated Capacity		Maximum Capacity		Max. Clearance for extreme corner position only		
	A	B	A	B	C	D	E
Length of Rods							
18	20	30	24	36	6"	12"	7"
24	30	42	30	52	8"	16"	7"
28	36	50	36	60	9"	19"	7"

CORNER ANCHOR FORM

Size	Rated Capacity		Maximum Capacity		Max. Clearance for extreme corner position only	
	A	B	A	B	F	G
Length of Rods						
18	18	24	20	30	7"	18"
24	24	36	27	38	7"	24"
28	30	42	32	45	7"	28"

LARGER SIZES CAN ALSO BE SUPPLIED

Drafting and Engineering Supplies

STANDARD GRADUATIONS—When ordering scales, kindly specify length and graduations by numbers indicated below.



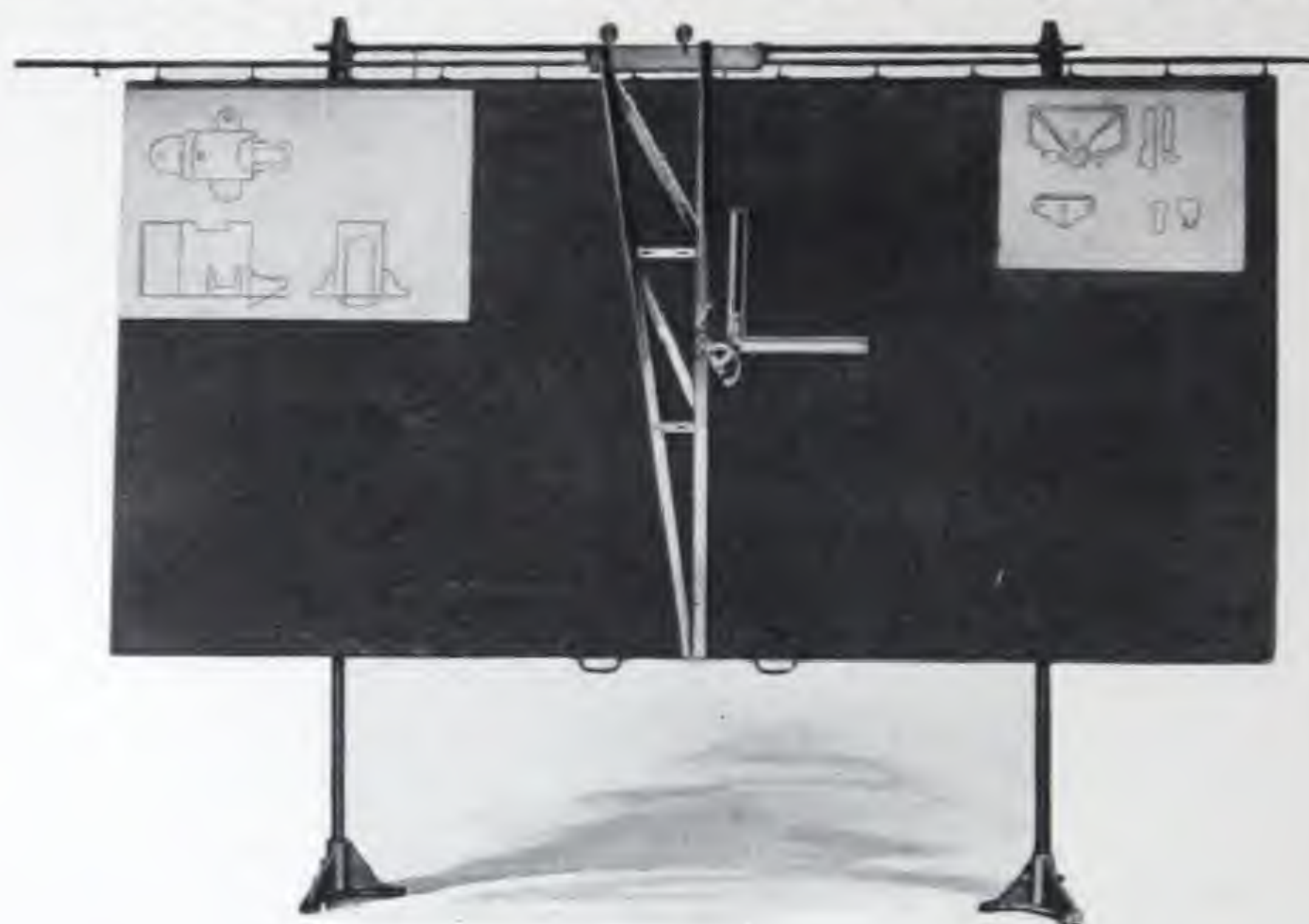
CENTER PULL THUMB TACKS.—These tacks are of one piece solid metal, nickel plated and have knife edge head. Scales or straightedges slide over instead of catching on these tacks and they are very easily removed by a special puller which engages two holes in the head thereby preserving the fine edge of the tacks.

No. 2093A—CENTER PULL THUMB TACKS, Nickel Plated—1/4-inch diam. Doz. 8

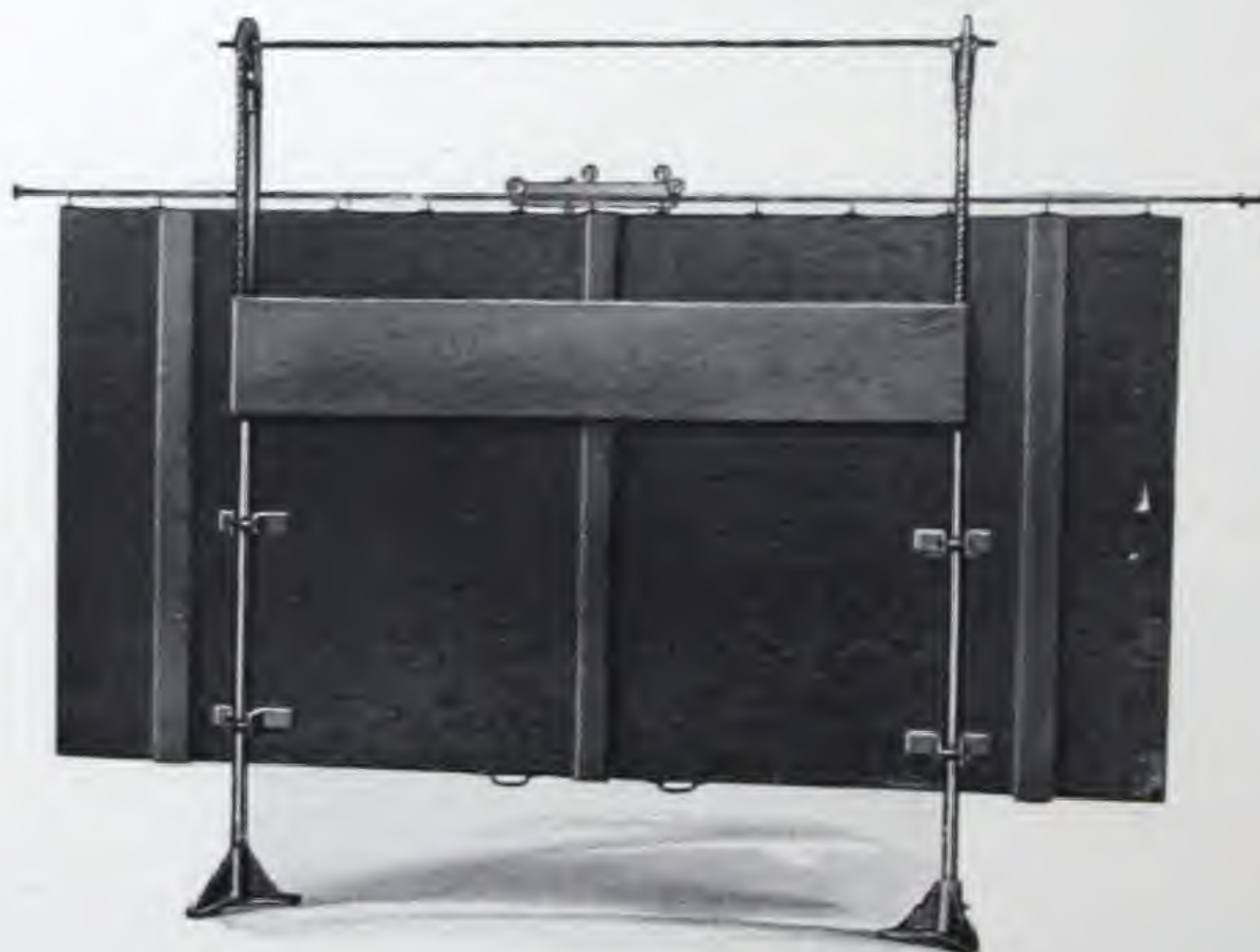
The C.F. Pease Company

THE EMMERT MOVABLE VERTICAL BOARD

For Large Assembled Drawings, Full Sized Drawings, Layouts, Etc.



Front view of board



Back view of board

For description see opposite page.

THE EM
thoroughly gl

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The upp
pulleys and ar
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No. 2094 —

No. 2094-A —

No. 2094-B —

No. 2094-C —

No. 2094-D —

Can also

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WHITE
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No. 2095 —

No. 2095-A —

No. 2095-B —

No. 2096 —

No. 2096-A —

No. 2096-B —

No. 2096-C —

No. 2096-D —

We can
desired.

Drafting and Engineering Supplies

THE EMMERT MOVABLE VERTICAL BOARD

THE EMMERT VERTICAL DRAWING BOARD is made of best white pine thoroughly glued and surfaced.

The balanced board with the supporting upright posts requires a space only 15 inches and travels vertically a distance of from 4 to 5 feet up and down on the supporting posts. Attached to the back of the drawing board are two sets of brackets with hardwood rollers which move against the supporting upright posts.

The upper set of brackets accommodates two ropes which pass over grooved pulleys and are fastened to a counter-balance consisting of a wooden box which may be filled with any material to balance the weight of the drawing board.

The pulleys are joined by a connecting rod and revolve together, providing an even movement at either end of board.

THE EMMERT T-SQUARE with protractor, as shown in cut on page 194, is made in various sizes to fit boards from 48 inches to 132 inches in height, and travels on the track attached to the top of board. Protractor and scales are balanced by sliding weight, and remain at any position set.

	Each
No. 2094 —EMMERT VERTICAL BOARD, 60x120 in., complete.	\$
No. 2094-A—EMMERT VERTICAL BOARD, 66x132 in., complete.
No. 2094-B—EMMERT VERTICAL BOARD, 72x144 in., complete.
No. 2094-C—EMMERT VERTICAL BOARD, 78x156 in., complete.
No. 2094-D—EMMERT VERTICAL BOARD, 84x168 in., complete.

Can also furnish other sizes. Prices upon application.

Prices for the above, as indicated in price list do not include Scales or Straight edges, which are provided with chucking plates to fit instrument.

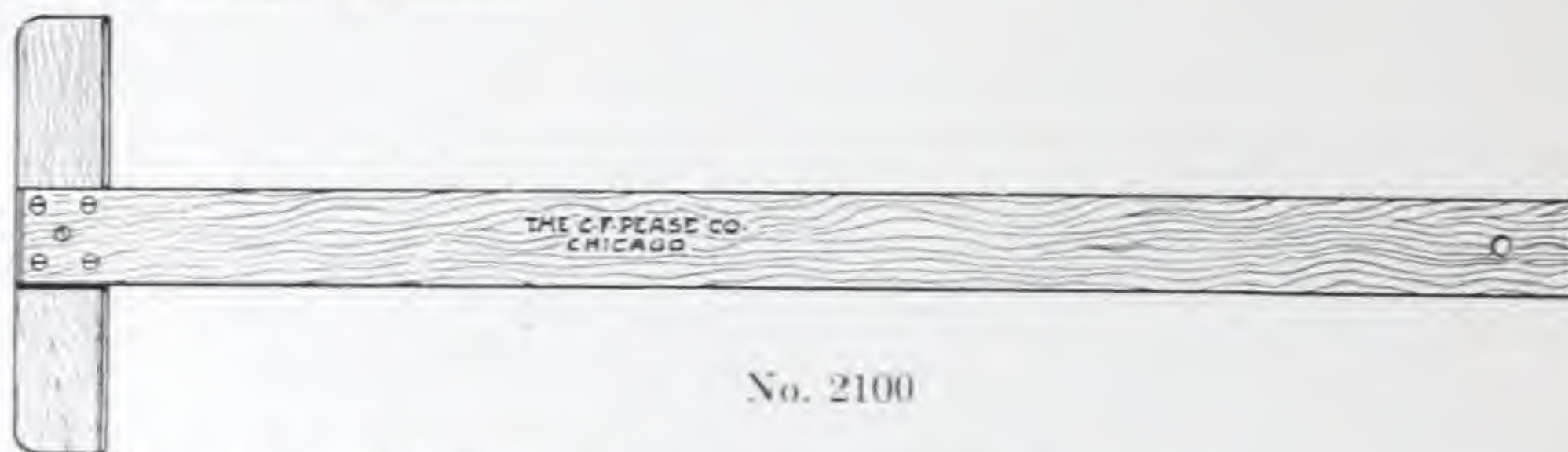
WHITE EDGE SCALES are carried in stock in all standard graduations. Special graduations to order.

	Each
No. 2095 —WHITE EDGE SCALE, 12 inch.	\$
No. 2095-A—WHITE EDGE SCALE, 18-inch.
No. 2095-B—WHITE EDGE SCALE, 24-inch.
No. 2096 —TRANSPARENT EDGE STRAIGHTEDGE, 12-inch.
No. 2096-A—TRANSPARENT EDGE STRAIGHTEDGE, 18-inch.
No. 2096-B—TRANSPARENT EDGE STRAIGHTEDGE, 24-inch.
No. 2096-C—TRANSPARENT EDGE STRAIGHTEDGE, 30-inch.
No. 2096-D—TRANSPARENT EDGE STRAIGHTEDGE, 36-inch.

We can supply any type of Emmert Instruments. Write for information desired.

WOODEN T-SQUARES

All of our T-squares are made of specially selected raw stock which has been thoroughly seasoned. The accuracy, durability and trueness of Pease T-squares can be absolutely relied upon. Each T-square is stamped with the Pease trade-mark which is an unqualified guarantee.



No. 2100

No. 2100—**MAPLE T-SQUARE**, plain blade, fixed head.

Size, inches	15	18	24	30	36	42	48	54	60	72
Each	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .

No. 2102—**MAPLE T-SQUARE**, plain blade, shifting head.

Size, inches	15	18	24	30	36	42	48	54	60
Each	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .



No. 2106

No. 2106—**HARDWOOD LINED BLADE T-SQUARE**, black walnut fixed head.

Size, inches	15	18	24	30	36	42	48	54	60	72
Each	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .

No. 2108—**HARDWOOD LINED BLADE T-SQUARE**, walnut movable head, with two swivels.

Size, inches	24	30	36	42	48	54	60	72
Each	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .



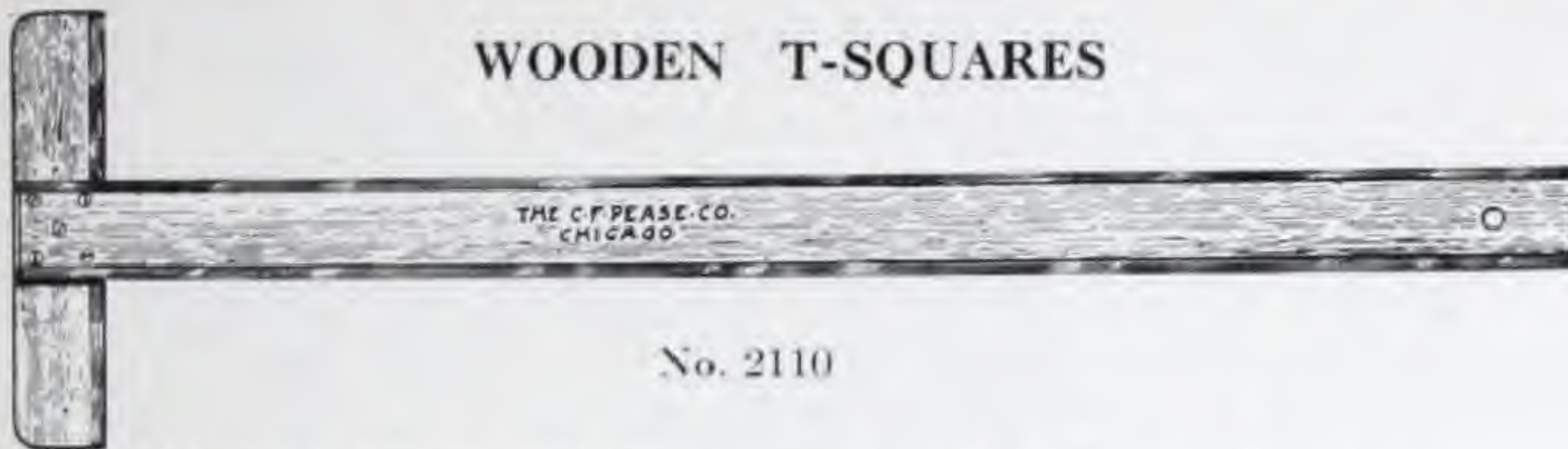
No. 2109

No. 2109—**MAHOGANY T-SQUARE**, ebony lined and tapered blade, fixed head, and beveled edge.

Size, inches	30	36	42	48	54
Each	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .

Drafting and Engineering Supplies

WOODEN T-SQUARES



No. 2110

No. 2110—MAHOGANY T-SQUARE, ebony lined blade and fixed head.

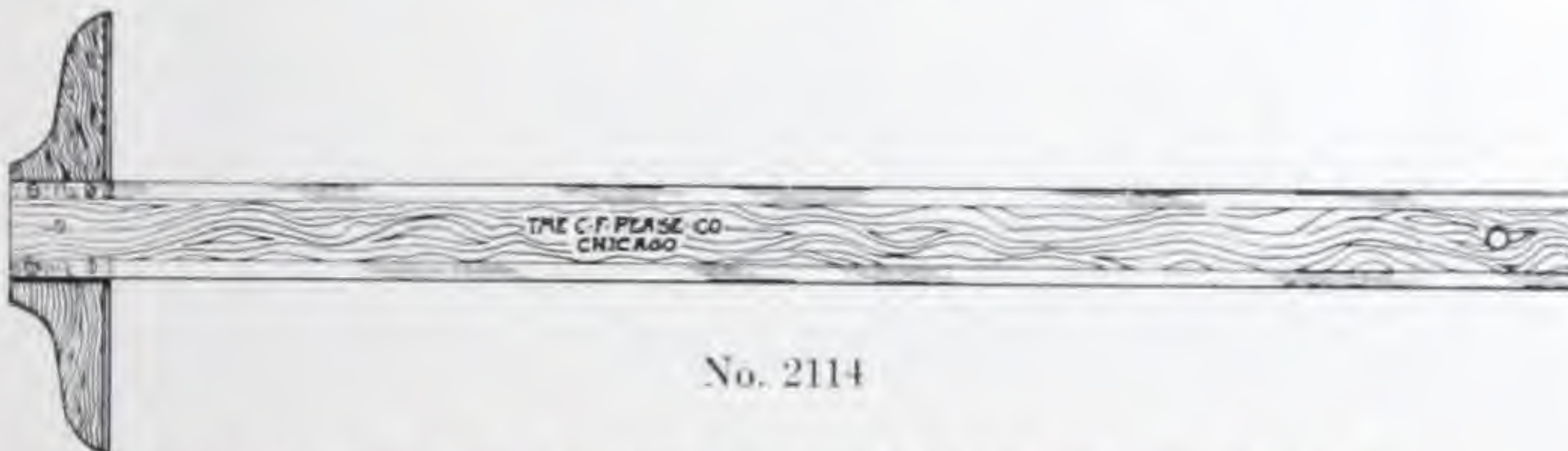
Size, inches	15	18	24	30	36	42	48	54	60	72
Each	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$



No. 2112

No. 2112—MAHOGANY T-SQUARE, ebony lined blade, and movable head with two nickel-plated swivels.

Size, inches	24	30	36	42	48	54	60	72
Each	\$	\$	\$	\$	\$	\$	\$	\$



No. 2114

No. 2114—TRANSPARENT AMBER LINED T-SQUARE, maple blade, rounded black walnut fixed head.

Size, inches	15	18	24	30	36	42	48	54	60	72
Each	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$



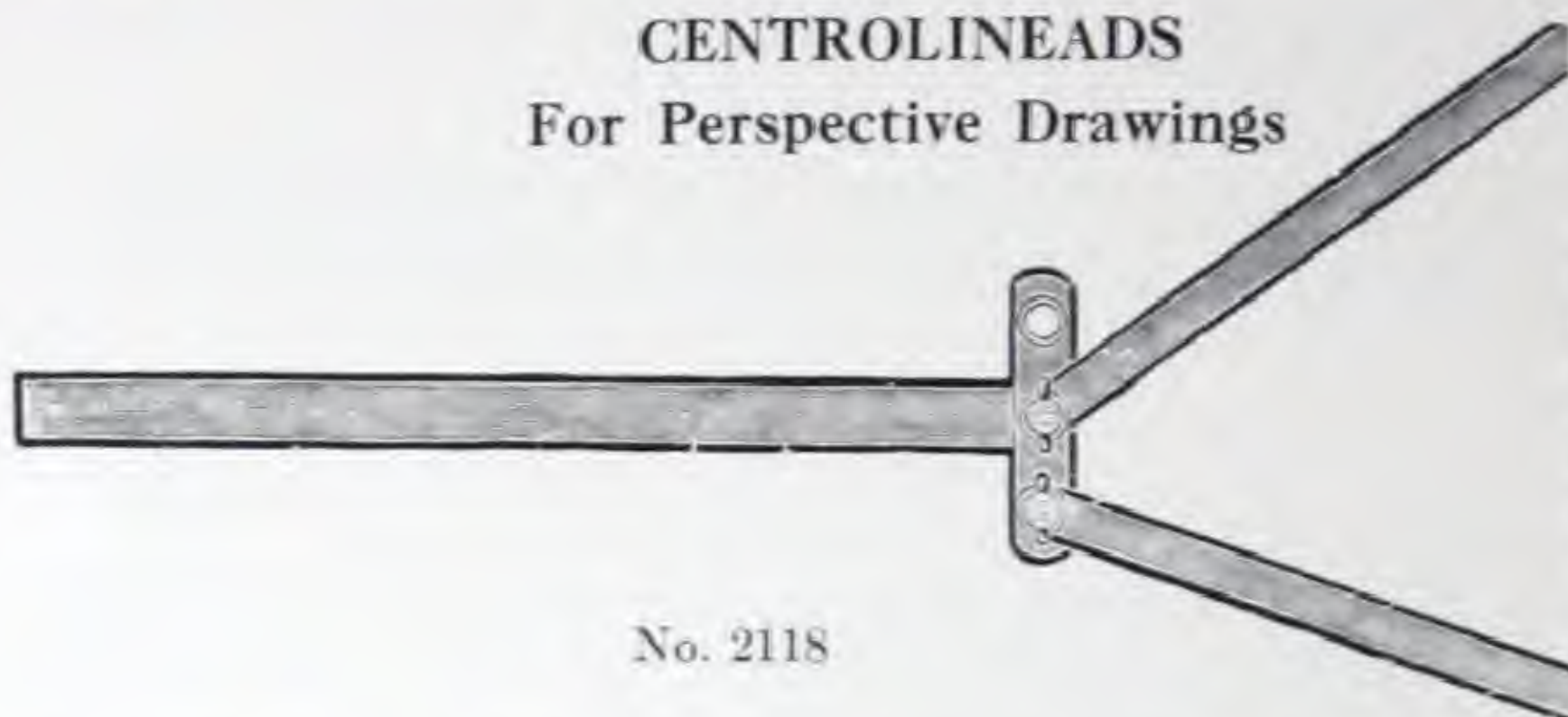
No. 2116

No. 2116—TRANSPARENT AMBER LINED T-SQUARE, maple blade, rounded black walnut shifting double head, with two nickel-plated swivels.

Size, inches	18	24	30	36	42	48	54	60	72
Each	\$	\$	\$	\$	\$	\$	\$	\$	\$

The C.F. Pease Company

CENTROLINEADS For Perspective Drawings

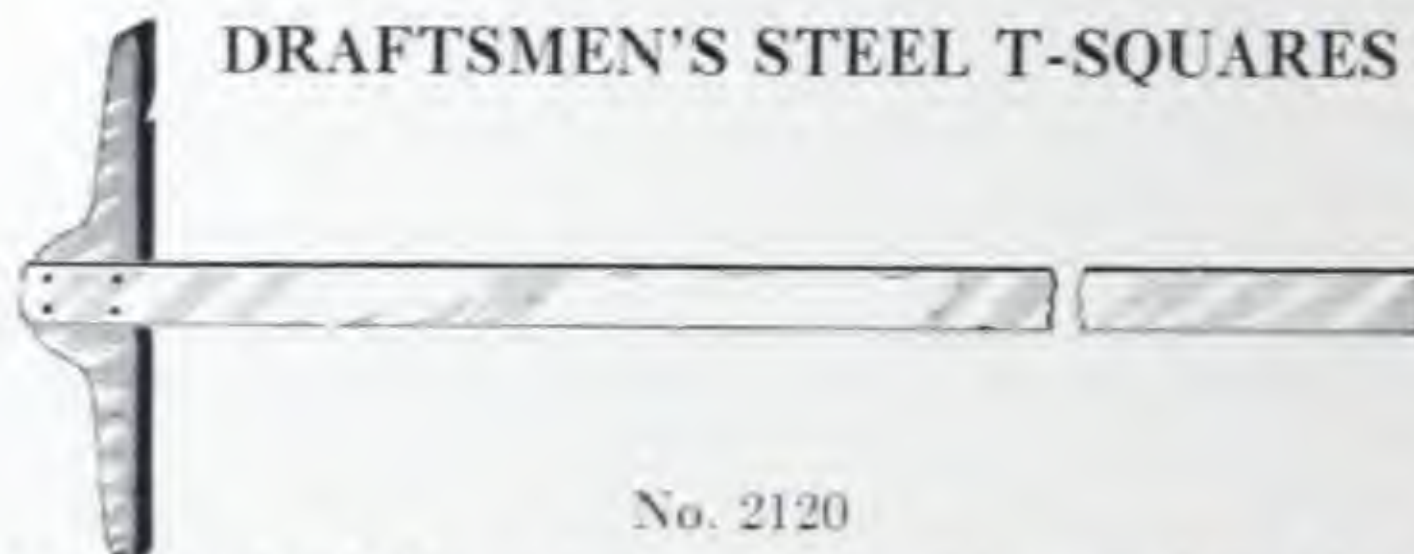


Centrolineads are used to draw perspective lines of buildings, etc., when the vanishing point of the drawing is beyond the drawing board.

No. 2118

- Each
- No. 2117—CENTROLINEAD, mahogany, ebony lined blade and arms, nickel-plated swivels, 24-inch blade, 10-inch arms with 2 studs.
- No. 2118—Like No. 2117, but 30-inch blade, 11-inch arms \$.....
- No. 2119—Like No. 2117, but 36-inch blade, 12-inch arms \$.....
- Complete Directions Furnished with Each Instrument

DRAFTSMEN'S STEEL T-SQUARES



No. 2120

- No. 2120—STEEL T-SQUARE, nickel plated, fixed jappanned iron head.
- | | | | | | | |
|------------|--------------|---------|---------|---------|---------|---------|
| | Size, inches | 18 | 24 | 30 | 36 | 42 |
| Each | | \$..... | \$..... | \$..... | \$..... | \$..... |
- No. 2122—STEEL T-SQUARE, nickel plated, movable jappanned iron head.
- | | | | | | | |
|------------|--------------|---------|---------|---------|---------|---------|
| | Size, inches | 18 | 24 | 30 | 36 | 42 |
| Each | | \$..... | \$..... | \$..... | \$..... | \$..... |

SPLINES

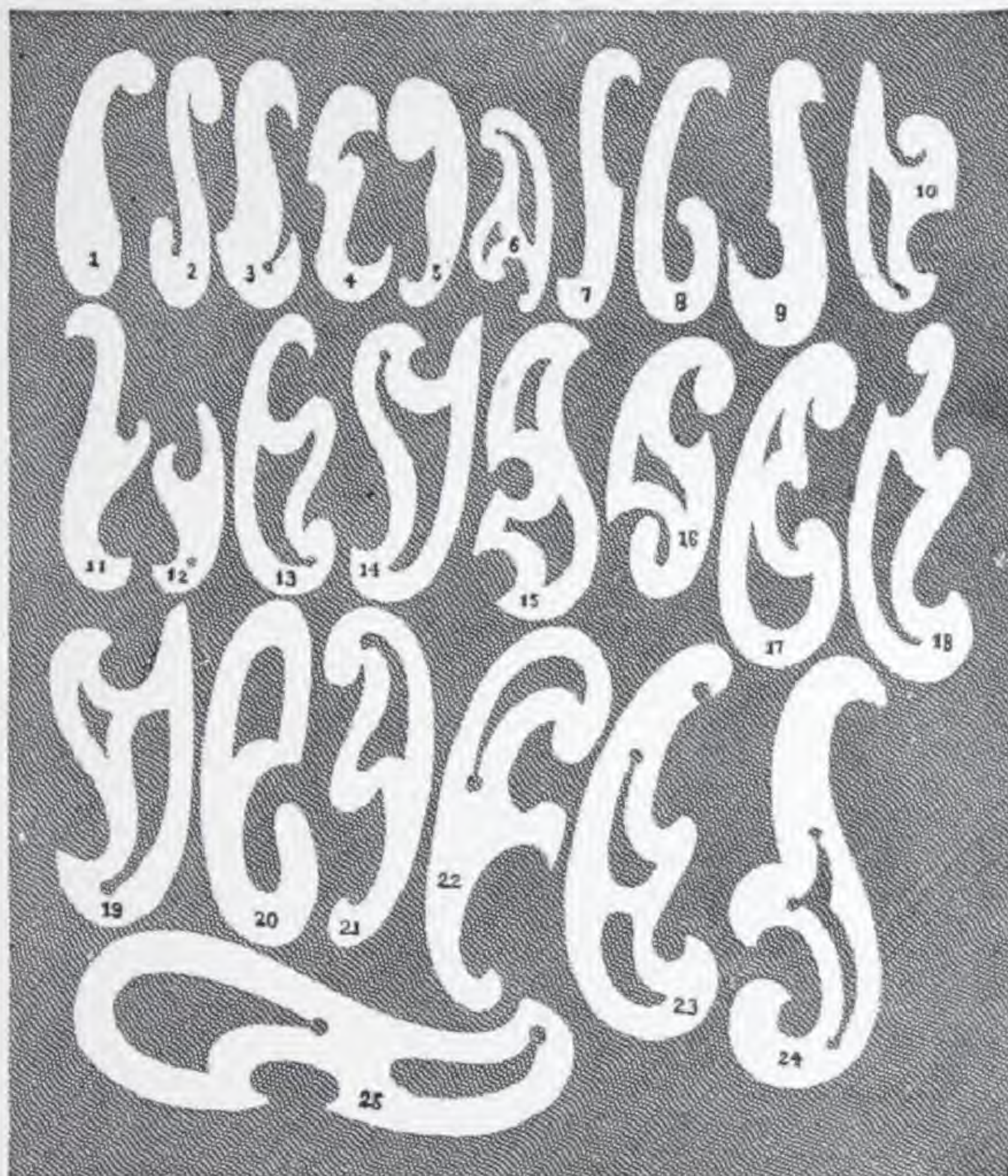
- | | | | | | | | |
|--|--------------|----|----|----|----|----|----|
| | Size, inches | 24 | 30 | 36 | 42 | 48 | 60 |
|--|--------------|----|----|----|----|----|----|
- No. 2125—PEARWOOD SPLINES.
- | | | | | | | |
|------------|--------------|---------|---------|---------|---------|---------|
| Each | Size, inches | 24 | 30 | 36 | 42 | 48 |
| | | \$..... | \$..... | \$..... | \$..... | \$..... |
- No. 2127—TRANSPARENT SPLINES.
- | | | | | | | |
|------------|--------------|---------|---------|---------|---------|---------|
| Each | Size, inches | 24 | 30 | 36 | 42 | 48 |
| | | \$..... | \$..... | \$..... | \$..... | \$..... |

WEIGHTS FOR SPLINES



- Each
- No. 2128—SPLINE WEIGHTS, with finger, iron, weight 3 1/2 lbs. \$.....
- No. 2129—SPLINE WEIGHTS, with finger, lead, weight 5 lbs. \$.....

IRREGULAR CURVES



No. 2138

	Nos. 1	2	3	4	5	6	7	8	9
Inches	7	6½	6¼	7	6½	5½	10	8½	8¼

No. 2138—TRANSPARENT

CELLULOID. Each \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

	Nos. 10	11	12	13	14	15	16	17
Inches	6¾	9	7	8	9	9	8	10

No. 2138—TRANSPARENT

CELLULOID. Each \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

	Nos. 18	19	20	21	22	23	24	25
Inches	11	11	11	11½	12	12	13	17

No. 2138—TRANSPARENT

CELLULOID. Each \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

Drafting Room Furniture

Ink, Pencils, Artists' Supplies

TRANSPARENT CURVES



No. 2139

No. 2139—LOGARITHMIC SPIRAL CURVE, Transparent Celluloid. Each \$

This curve is absolutely accurate and contains every curve within the limit of its size.



No. 2140

No. 2140—COMBINATION CURVE, Transparent Celluloid. Each \$



No. 2141

No. 2141—COMBINATION CURVE, Transparent Celluloid. Each \$

CURVES FOR MECHANICAL ENGINEERS

Transparent Celluloid



No. 2143

No. 2143—SET OF 10 CURVES, in polished wooden box. \$

HYPERBOLAS, ELLIPSES AND PARABOLAS

Transparent Celluloid



No. 2144



No. 2146



No. 2147

No. 2144—HYPERBOLAS, 8 in set, from 2 to $5\frac{1}{2}$ inches. \$
 No. 2145—ELLIPSES, 6 in set, from 2 to $4\frac{1}{2}$ inches.
 No. 2146—ELLIPSES, 10 in set, from $1\frac{1}{2}$ to 6 inches.
 No. 2147—PARABOLAS, 8 in set, from $1\frac{1}{4}$ to $5\frac{1}{2}$ inches.
 No. 2148—PARABOLAS, 8 in set, from $3\frac{1}{4}$ to $14\frac{1}{4}$ inches.

The C.F. Pease Company

PEASE ADJUSTABLE CURVE RULERS



No. 2150

This ruler is entirely covered with rubber, giving two working edges. It will hold any desired curve made and is a practicable and reliable instrument.

No. 2150—PEASE ADJUSTABLE CURVE RULER, 12 inches.....	Each \$.....
No. 2151—PEASE ADJUSTABLE CURVE RULER, 24 inches.....	Each \$.....



No. 2152

No. 2152—ADJUSTABLE CURVE RULER, 14½ inches long.....	Each \$.....
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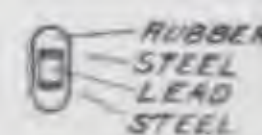


No. 2153

No. 2153—ADJUSTABLE CURVE RULER, 30 inches long.....	Each \$.....
--	--------------



No. 2157



No. 2156—ADJUSTABLE CURVE RULER, double edge, 7 inches long.....	Each \$.....
No. 2157—ADJUSTABLE CURVE RULER, double edge, 15 inches long.....	Each \$.....
No. 2158—ADJUSTABLE CURVE RULER, double edge, 31 inches long.....	Each \$.....

COPENHAGEN SHIP CURVES

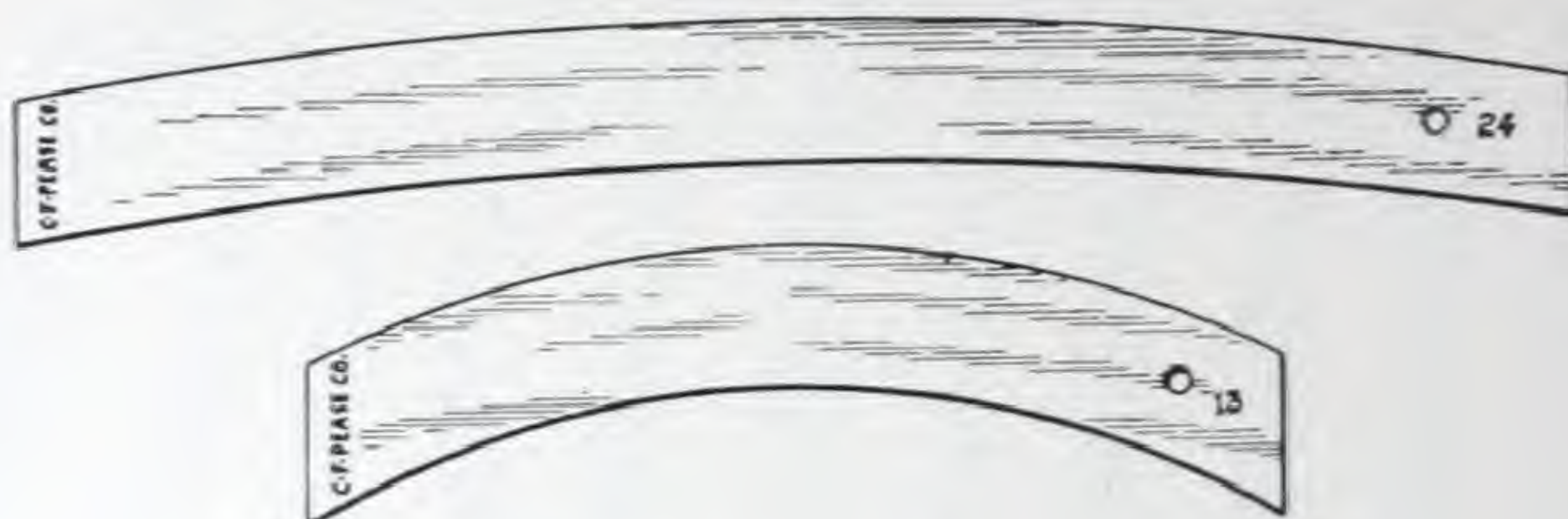


No. 2163—TRANSPARENT CELLULOID SHIP CURVES,

set of about 45 curves, in case \$.....

RAILROAD CURVES

In Wood Case



PEARWOOD

- No. 2165—RAILROAD CURVES, 10 in set—12, 24, 36, 48, 60, 72, 84, 96, 108, 120 in. radius Set \$
- No. 2166—RAILROAD CURVES, 17 in set—12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 54, 57, 60 in. radius
- No. 2167—RAILROAD CURVES, 24 in set—2, 2½, 3, 3½, 4, 4½, 5, 5½, 6, 6½, 7, 7½, 8, 8½, 9, 9½, 10, 12, 14, 16, 18, 20, 22, 24 in. radius
- No. 2168—RAILROAD CURVES, 43 in set—3½, 4, 4½, 5, 5½, 6, 6½, 7, 7½, 8, 8½, 9, 9½, 10, 12, 14, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42, 48, 54, 60, 66, 72, 78, 84, 90, 100, 110, 120, 130, 140, 160, 180, 200 in. radius

RAILROAD CURVES, single

Each \$

METAL

- No. 2169—RAILROAD CURVES, 10 in set—12, 24, 36, 48, 60, 72, 84, 96, 108, 120 in. radius Set \$
- No. 2170—RAILROAD CURVES, 17 in set—12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 48, 51, 54, 57, 60 in. radius
- RAILROAD CURVES, single

TRANSPARENT CELLULOID

- No. 2171—RAILROAD CURVES, 10 in set—12, 24, 36, 48, 60, 72, 84, 96, 108, 120 in. radius Set \$
- No. 2172—RAILROAD CURVES, 17 in set—12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 54, 57, 60 in. radius
- No. 2173—RAILROAD CURVES, 30 in set—1½, 2, 2½, 3, 3½, 4, 4½, 5, 5½, 6, 7, 8, 9, 10, 11, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 35, 40, 45, 50, 60 in. radius

RAILROAD CURVES, single

Each \$

Drafting and Engineering Supplies

RAILROAD CURVES

In Wood Case

TRANSPARENT CELLULOID

No. 2174—RAILROAD CURVES, with Tangent, 41 in set, marked in degrees and minutes to 100-foot scale:

0° 30' = 114.59 in.	3° 30' = 16.37 in.	6° 00' = 9.55 in.	8° 30' = 6.75 in.
1° 00' = 57.30 in.	3° 45' = 15.28 in.	6° 15' = 9.17 in.	8° 45' = 6.55 in.
1° 15' = 45.84 in.	4° 00' = 14.33 in.	6° 30' = 8.82 in.	9° 00' = 6.37 in.
1° 30' = 38.20 in.	4° 15' = 13.48 in.	6° 45' = 8.49 in.	9° 15' = 6.20 in.
1° 45' = 32.74 in.	4° 30' = 12.73 in.	7° 00' = 8.19 in.	9° 30' = 6.04 in.
2° 00' = 28.65 in.	4° 45' = 12.07 in.	7° 15' = 7.91 in.	9° 45' = 5.88 in.
2° 15' = 25.47 in.	5° 00' = 11.46 in.	7° 30' = 7.64 in.	10° 00' = 5.74 in.
2° 30' = 22.92 in.	5° 15' = 10.92 in.	7° 45' = 7.40 in.	10° 30' = 5.48 in.
2° 45' = 20.84 in.	5° 30' = 10.42 in.	8° 00' = 7.17 in.	11° 00' = 5.22 in.
3° 00' = 19.10 in.	5° 45' = 9.97 in.	8° 15' = 6.95 in.	11° 30' = 4.99 in.
3° 15' = 17.63 in.			

Per Set \$

No. 2175—RAILROAD CURVES, with Tangent, 55 in set, marked in degrees and minutes to 100-foot scale.

0° 15' = 229.18 in.	3° 45' = 15.28 in.	7° 15' = 7.91 in.	11° 30' = 4.99 in.
0° 30' = 114.59 in.	4° 00' = 14.33 in.	7° 30' = 7.64 in.	12° 00' = 4.78 in.
0° 45' = 76.39 in.	4° 15' = 13.48 in.	7° 45' = 7.40 in.	12° 30' = 4.59 in.
1° 00' = 57.30 in.	4° 30' = 12.73 in.	8° 00' = 7.17 in.	13° 00' = 4.42 in.
1° 15' = 45.84 in.	4° 45' = 12.07 in.	8° 15' = 6.95 in.	13° 30' = 4.25 in.
1° 30' = 38.20 in.	5° 00' = 11.46 in.	8° 30' = 6.75 in.	14° 00' = 4.10 in.
1° 45' = 32.74 in.	5° 15' = 10.92 in.	8° 45' = 6.55 in.	14° 30' = 3.96 in.
2° 00' = 28.65 in.	5° 30' = 10.42 in.	9° 00' = 6.37 in.	15° 00' = 3.83 in.
2° 15' = 25.47 in.	5° 45' = 9.97 in.	9° 15' = 6.20 in.	16° 00' = 3.59 in.
2° 30' = 22.92 in.	6° 00' = 9.55 in.	9° 30' = 6.04 in.	17° 00' = 3.38 in.
2° 45' = 20.84 in.	6° 15' = 9.17 in.	9° 45' = 5.88 in.	18° 00' = 3.20 in.
3° 00' = 19.10 in.	6° 30' = 8.82 in.	10° 00' = 5.74 in.	19° 00' = 3.03 in.
3° 15' = 17.63 in.	6° 45' = 8.49 in.	10° 30' = 5.48 in.	20° 00' = 2.88 in.
3° 30' = 16.37 in.	7° 00' = 8.19 in.	11° 00' = 5.22 in.	

Per set \$

RAILROAD CURVES, with Tangent, single Each \$

The C.F. Pease Company

STEEL MAP CASE



No. 2176

Is made of heavy steel, cylindrical in form, and simple in construction. End caps are flat, having no openings through which spring roller pins protrude. One end is removable so that map may easily be taken out if necessary; in replacing, an eighth turn locks it securely. Is durable, light weight, compact, measuring only two and one-quarter inches in diameter, except the 68-inch and 78-inch cases, which are a trifle larger. Is dust-proof and very neat in appearance, being japanned a dark olive green.

STEEL MAP CASE. Complete with Spring Roller, Bottom Stick and Pull.

	Nos.	2176	2177	2178	2179	2180	2181
	Width inches	36	42	54	66	68	78
Each		\$	\$	\$	\$	\$	\$

MAP AND CHART MOUNTING

Peerless Rotary Map Case



No. 2182

Accommodates as many as sixteen maps in less than twelve inches of wall space. Individual maps are mounted with dust-proof enameled strip at the bottom of enveloping map when rolled up. Similar in use and advantage to Utility Case, except that all maps are drawn down from one height. Before displaying a map, it is brought to the bottom level by revolving the cylinder; a straight downward pull then brings the map into view.

	Nos.	2182	2183	2184	2185
	Width, inches	42	54	66	78
To hold 8 maps		\$	\$	\$	\$

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- (1) Made to
- (2) Any ma
of a quick tal
- (3) A tilting
rubbing.
- (4) All map
unlock a door

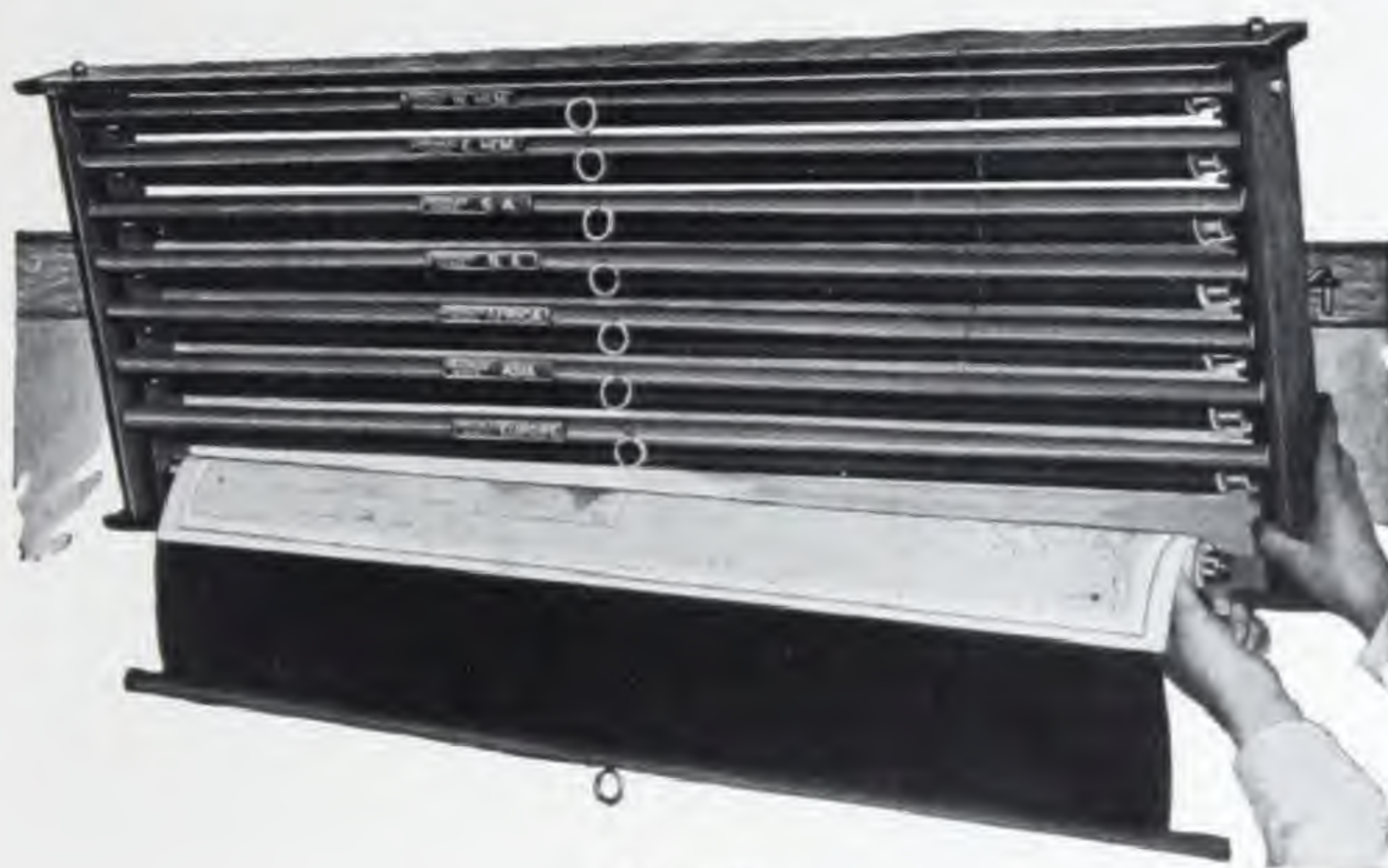
To hold four

To hold eight

Drafting and Engineering Supplies

MAP AND CHART MOUNTING

Utility Case with Removable Feature



No. 2186

The following distinctive and outstanding features make this case particularly practicable and attractive:

- (1) Made to hold spring roller mountings.
- (2) Any map can be removed as illustrated. A patent bracket permits of a quick taking out and putting back.
- (3) A tilting feature allows each map to be pulled straight down without rubbing.
- (4) All maps are ready for instant use. Climbing on a chair to hook or unlock a door is unnecessary in this case.

Nos.	2186	2187	2188	2189
Width, inches	42	54	66	78

To hold four maps \$ \$ \$ \$

To hold eight maps \$ \$ \$ \$

MAP AND CHART MOUNTING
Spring Roller Map Case



No. 2192

Made of oak, Fine varnish finish. Dust-proof. Furnished with lock and key. Made in various sizes to hold any number of maps, from four to eight.

SPRING ROLLER MAP CASE. Price complete with Spring Rollers, Bottom Sticks and Pulls.

	Width, inches	42	54	78
	Nos.	2190	2193	2195 1/2
To hold four maps	\$		\$	\$
	Nos.	2191	2194	
To hold six maps	\$		\$	
	Nos.	2192	2195	2197
To hold eight maps	\$		\$	\$



We use Hartshorn's Best Map Rollers in all our Spring Roller Cases. They cost us more than other kinds, but they never get out of order and they last a lifetime.

Drafting Room Furniture

YOU will find in the following pages, fully illustrated and described, a complete line of the most approved styles of drawing boards, filing cabinets, drawing tables, draftsman's stools, etc., every item of which we are prepared to furnish promptly and at the lowest prevailing prices. Also, drafting room furniture to meet special specifications can be just as readily supplied.

Pease drawing tables, drawing boards, filing cabinets, etc., are highly recommended and have a splendid reputation for durability. They are designed for general utility purposes and are manufactured with the idea of giving the purchaser high class drafting room furniture at moderate prices. Every item is guaranteed against defect in construction and materials.

All eastern orders of Pease Drafting Room Furniture are shipped from our warehouse at Rahway, New Jersey, and all western orders are shipped from Two Rivers, Wisconsin, or Chicago, Illinois.

The C.F. Pease Company

PEASE DRAWING KITS



No. 2199

The above illustrations show the top and bottom sides of our School Drawing Kits. The drawing surface is of soft wood and the triangles and T squares are made of birch. All are well made. The sizes carried in stock are 10x12 inches, 13x19 inches, and 17x22 inches. Please specify size when ordering.

No. 2199—DRAWING KIT

PEASE DRAWING BOARDS



No. 2200

No. 2200—DRAWING BOARD, $\frac{3}{4}$ in. board with end cleats—two drawing surfaces. Tongued and grooved construction with end cleats.

Size, inches	12x17	16x22	18x24	20x24	23x31	24x36	31x42
PINE WOOD,							
each	\$	\$	\$	\$	\$	\$	\$
No. 2201—BASSWOOD,							
each							



No. 2204

No. 2204—DRAWING BOARD, pine wood, hardwood cleats on back attached by screws and washers to allow for contraction and expansion.

Size, inches	20x26x $\frac{1}{4}$	23x31x $\frac{1}{4}$	31x42x $\frac{1}{4}$
Each	\$	\$	\$
No. 2212—DRAWING BOARD, pine wood, with screws passing through hardwood cleats in oblong slots with metal bushings which allow the screws to move when drawn by contraction of the board. To make working edge perfectly smooth, a strip of hardwood is set in the ends of the board. This strip is sawed apart at intervals to allow for contraction. See Drawing Board No. 2214, page 211 for style and type.			

Size, inches	23x31x $\frac{1}{4}$	31x42x $\frac{1}{4}$
Each	\$	\$

All Furniture Illustrated and Described Is Carried in Stock
See Price List Inside Back Cover

Drafting Room Furniture

PEASE DRAWING BOARDS



No. 2214

No. 2214—**DRAWING BOARD**, pine wood, tongue and groove construction. Hardwood strips are inserted into ends of board to insure smooth working edge for T-square. Hardwood cleats are fastened to back of board by screws passing through slotted washers to allow for contraction and expansion.

Size, inches	Each	Size, inches	Each
36x48x1 $\frac{1}{16}$ —2 cleats on back	\$	42x72x1 $\frac{1}{16}$ —2 cleats on back	\$
36x55x1 $\frac{1}{16}$ —2 cleats on back		48x72x1 $\frac{1}{16}$ —2 cleats on back	
36x60x1 $\frac{1}{16}$ —2 cleats on back		42x84x1 $\frac{1}{16}$ —3 cleats on back	
36x72x1 $\frac{1}{16}$ —2 cleats on back		48x84x1 $\frac{1}{16}$ —3 cleats on back	
42x60x1 $\frac{1}{16}$ —2 cleats on back		48x96x1 $\frac{1}{16}$ —3 cleats on back	

No. 2217—**DRAWING BOARD**, same as No. 2218 except bass wood. Hardwood cleats attached with oblong washers, staggered. **EXTRA HEAVY CONSTRUCTION**, Moderate in Price.

Size, inches	Inches	Each
36x48x1 $\frac{1}{16}$, 2 cleats, size of cleats, 3x1 $\frac{1}{4}$		\$
36x54x1 $\frac{1}{16}$, 2 cleats, size of cleats, 3x1 $\frac{1}{4}$		
36x60x1 $\frac{1}{16}$, 2 cleats, size of cleats, 3x1 $\frac{1}{4}$		
36x72x1 $\frac{1}{16}$, 2 cleats, size of cleats, 3x1 $\frac{1}{4}$		
42x60x1 $\frac{1}{16}$, 2 cleats, size of cleats, 3x1 $\frac{1}{4}$		
42x72x1 $\frac{1}{16}$, 2 cleats, size of cleats, 3x1 $\frac{1}{4}$		
48x72x1 $\frac{1}{16}$, 2 cleats, size of cleats, 3x1 $\frac{1}{4}$		



No. 2218

No. 2218—**DRAWING BOARD**, selected pine wood, hardwood cleats, attached with oblong washers, staggered. **EXTRA HEAVY CONSTRUCTION**, moderate in price.

Size, inches	Inches	Each
36x48x1 $\frac{1}{16}$ —2 cleats—Size of cleats, 3x1 $\frac{1}{4}$		\$
36x54x1 $\frac{1}{16}$ —2 cleats—Size of cleats, 3x1 $\frac{1}{4}$		
36x60x1 $\frac{1}{16}$ —2 cleats—Size of cleats, 3x1 $\frac{1}{4}$		
36x72x1 $\frac{1}{16}$ —2 cleats—Size of cleats, 3x1 $\frac{1}{4}$		
42x60x1 $\frac{1}{16}$ —2 cleats—Size of cleats, 3x1 $\frac{1}{4}$		
42x72x1 $\frac{1}{16}$ —2 cleats—Size of cleats, 3x1 $\frac{1}{4}$		
48x72x1 $\frac{1}{16}$ —2 cleats—Size of cleats, 3x1 $\frac{1}{4}$		

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See Price List Inside Back Cover

PEASE WOODEN HORSES



No. 2222

37 inches high, 38 inches long

- | | | |
|--|----------|---------|
| No. 2220—WOODEN HORSES, pine without slanting top..... | Per Pair | \$..... |
| No. 2222—WOODEN HORSES, pine with slanting top..... | | \$..... |



No. 2227

- | | | |
|---|----------|---------|
| No. 2227—WOODEN HORSES, hardwood—antique oak finish. | Per Pair | |
| Top adjustable from 37 in. to 47 in. Adjustable device provided with clamp to prevent slipping..... | | \$..... |

For Drawing Boards, see pages 210 and 211.

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See Price List Inside Back Cover

This table
tool drawer
also supply
following di
inches. The

This table
on the LEG
six drawing

The top
cleats on the
the T Square
of adjustable
finish.

Dimensions
wide and 40
38 inches high
250 lbs.

No. 2228—
No. 2229—

Drafting Room Furniture

PEASE SCHOOL DRAWING TABLES



Drawing Table No. 2228—Adjustable Top
Drawing Table No. 2229—Solid Top

This table will accommodate six students as there are six separate tool drawers, each drawer with a lock having a different key and we also supply a master key at slight extra charge. These drawers have the following dimensions: Depth, $3\frac{3}{4}$ inches; width, $8\frac{1}{8}$ inches; length, $20\frac{1}{4}$ inches. There is a solid panel between drawers.

This table has an IRON PIPE FOOT REST and METAL SHOES on the LEGS. At the rear of the table is a cupboard accommodating six drawing boards—22x28 inches or smaller. This cupboard has a lock.

The top is adjustable as to slant and is made of basswood with cleats on the ends to prevent warping and to furnish suitable surface for the T Square to slide upon. Can be furnished with solid top in place of adjustable top if desired. The cabinet is made of oak, golden oak rub finish.

Dimensions: Top, 28x36 inches; base, 25 inches deep, $32\frac{3}{4}$ inches wide and 40 inches high to the drawing board top, but can be supplied 38 inches high if so ordered. Made and shipped set up. Shipping weight, 250 lbs.

	Each
No. 2228—DRAWING TABLE, (adjustable top)	\$
No. 2229—DRAWING TABLE (solid top)

All Furniture Illustrated and Described Is Carried in Stock
See Price List Inside Back Cover

The C.F. Pease Company

PEASE SCHOOL DRAWING TABLES



Drawing Table No. 2230—Solid Top
Drawing Table No. 2231—Adjustable Top

This table has a basswood top finished with one coat of varnish and is 30x36 inches in size. In the top there are four tool drawers for the accommodation of the student's tools, etc. These tool drawers have the following dimensions: Depth, $3\frac{3}{4}$ inches; width, $6\frac{9}{16}$ inches; length, 27 inches. These drawers all have locks but with different keys. Master keys furnished at extra charge.

At the rear of the table is a drawing board cupboard unit which will accommodate 4 drawing boards 22x28 inches or smaller. The table is made of oak, golden oak rub finish and has metal shoes on the legs.

Dimensions: Base of table is $29\frac{3}{4}$ inches deep, $35\frac{3}{4}$ inches wide and 38 inches high to the drawing board top, but can be supplied 36 inches high if desired. Shipping weight, 120 lbs. No. 2232 Drawing Table is same as No. 2230 with drawing board unit on front right side of table—accommodates four boards.

DRAWING TABLE NO. 2233

This table is the same as our No. 2230 table, but is without the drawing board unit, which can be purchased at any time and inserted in the table. All of the above tables are made and shipped knocked down.

Shipping Weight, Table No. 2233, 100 lbs.

	Each
No. 2230—DRAWING TABLE (solid top)	\$
No. 2231—DRAWING TABLE (adjustable top)	\$
No. 2232—DRAWING TABLE (see above)	\$
No. 2233—DRAWING TABLE (see above)	\$

All Furniture Illustrated and Described Is Carried in Stock
See Price List Inside Back Cover

This table
of papers, to
charge. At
of drawing b
three compa
keys.

At the t
is a small c
high for sto
foot rail and
Can be tilt
rub finish.

Dimens
inches deep
top. Large
 $4\frac{1}{2}$ inches;
up. Shippi

No. 2234—
No. 2235—

Drafting Room Furniture

PEASE SCHOOL DRAWING TABLES



Drawing Table No. 2234—Adjustable Top
Drawing Table No. 2235—Solid Top

This table has one large drawer in the top for the accommodation of papers, tools, etc.; it also has a lock. Master key furnished at extra charge. At the right of the table are three compartments for storage of drawing boards of any size up to a maximum of $21\frac{3}{4} \times 24$ inches. These three compartments are covered with doors having locks with different keys.

At the top of each drawing board compartment and behind the door is a small compartment 13 inches deep, $2\frac{1}{2}$ inches wide and $5\frac{1}{8}$ inches high for storage of tools, etc. This table is supplied with an iron pipe foot rail and metal shoes on the legs. The drawing board top is of pine. Can be tilted to any angle desired. Table is made of oak, golden oak rub finish.

Dimensions. Drawing board top, 28×36 inches; base of table, 26 inches deep, $34\frac{1}{8}$ inches wide and 40 inches high to the drawing board top. Large drawer in this table has the following dimensions: Depth, $4\frac{1}{2}$ inches; width, $18\frac{1}{2}$ inches; length, 21 inches. Made and shipped set up. Shipping weight, 250 lbs.

	Each
No. 2234—DRAWING TABLE (adjustable top)	\$
No. 2235—DRAWING TABLE (solid top)

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See Price List Inside Back Cover

The C.F. Pease Company

PEASE SCHOOL DRAWING TABLES



Drawing Table No. 2236



Tool Drawer Unit
No. 2236 1/2

This table is the same as our regular No. 2237 table shown on the next page with the exception that it is not equipped with the tool drawer unit and the drawing board unit. However, this table can be supplied with drawing board unit alone, or the tool drawer unit only, or both; and either unit can be placed at the front or the rear of the table.

The tool drawer unit has drawers with the following inside dimensions: Depth, 3 1/2 inches; width, 8 3/4 inches; length, 17 5/8 inches. This unit is made with a solid panel between each drawer which prevents tampering with the contents of the drawer below.

The drawing board unit has six compartments accommodating 6 drawing boards. Each compartment

has a small door with a lock. Locks keyed differently. The locks in the drawing board unit and the tool drawer unit are in pairs; that is, each student has one key which will fit one drawer and one drawing board cupboard. Master keys are furnished at extra charge.

Dimensions of table No. 2236. Drawing board top, 28 1/2 x 38 inches. Base of table, 25 inches deep, 35 5/8 inches wide and 40 inches high to the working surface. Made of oak, golden oak rub finish. Made and shipped knocked down. Shipping weight, table only, 100 lbs.

No. 2236 —DRAWING TABLE \$

No. 2236 1/2 —TOOL DRAWER UNIT

No. 2236 3/4 —DRAWING BOARD UNIT



Drawing Board Unit
No. 2236 3/4

All Furniture Illustrated and Described Is Carried in Stock
See Price List Inside Back Cover

Drafting Room Furniture

PEASE SCHOOL DRAWING TABLES



Drawing Table No. 2237

This table has six tool drawers for the accommodation of six different students as the lock on each tool drawer requires a different key, however we supply a master key which will fit all the locks. The tool drawers have the following inside dimensions: Depth, $3\frac{1}{2}$ inches; width, $8\frac{3}{4}$ inches; length, $17\frac{5}{8}$ inches

The above six tool drawers are made in the form of a removable unit and have a solid panel between each drawer. At the rear of the table is another removable unit which has six compartments accommodating six drawing boards. Each compartment has a small door which is secured by a lock, each door having a different lock, and we furnish master keys which will fit all the locks, at extra charge.

This table has an iron pipe foot rail and metal shoes on the legs. The drawing board top is made of basswood and is adjustable as to slant. Made of oak, golden oak rub finish.

Dimensions: Drawing board top is $28\frac{1}{2} \times 38$ inches; base, 25 inches deep, $35\frac{5}{8}$ inches wide and 40 inches high to the working surface. Made and shipped set up. Shipping weight, 300 lbs.

No. 2237—DRAWING TABLE Each \$

All Furniture Illustrated and Described Is Carried in Stock
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Ink,
pencils,
Artist's
Sup.

PEASE SCHOOL DRAWING TABLES



Drawing Table No. 2238

This is a table of standard design built especially for the use of artists. This table being only 30 inches high is intended to be used with an ordinary chair. Tool drawer at the right, inside dimensions of which are: Depth, $3\frac{1}{2}$ inches; width, $9\frac{1}{4}$ inches; length, 14 inches; with lock.

The entire table including the flat top is made of oak and the small tilting drawing board is made of basswood which can be tilted to any angle. Drawing board is 20x24 inches and has cleats on each end which are securely fastened to the center piece with four long screws.

The flat space at the right of the small drawing board will be found very convenient for water jars and similar artists' materials.

This table has the following dimensions: Size of the flat oak top, 20x33 $\frac{1}{4}$ inches; the base is 18 $\frac{1}{2}$ inches deep, 32 $\frac{1}{2}$ inches wide and 30 inches high. Made of oak, golden oak rub finish. Shipped knocked down. Shipping weight, 90 lbs.

No. 2238—DRAWING TABLE

No. 2239—PEASE ARTISTS' TABLE

This table has one tool drawer which has the following inside dimensions: Depth, $3\frac{1}{2}$ inches; width, $8\frac{1}{4}$ inches; length, 16 inches. The top is not adjustable but is fixed in position. It is made of basswood with one coat of varnish. Metal shoes on the legs add greatly to the appearance of this table which is made of oak, golden oak rub finish.

Dimensions: Drawing board top, 30x36 inches; base, 28 $\frac{1}{2}$ inches deep; 34 $\frac{1}{2}$ inches wide and 38 inches high to the drawing board surface, but can be supplied 36 inches high if so ordered. Made and shipped knocked down. Shipping weight, 100 lbs.



Pease Artists' Table No. 2239

Each

\$

All Furniture Illustrated and Described Is Carried in Stock
See Price List Inside Back Cover

Drafting Room Furniture

PEASE SCHOOL UNITS



Pease School Units

UNIT No. 2240

This unit is $2\frac{3}{4}$ inches high, $22\frac{3}{4}$ inches deep and $42\frac{5}{16}$ inches long. It is a cap unit and will fit all of the units listed below. Shipping weight, 50 lbs.

UNIT No. 2240 $\frac{1}{4}$

This unit is for storage of drawing boards and will accommodate 28 drawing boards 20x26 inches or smaller. It has two swing doors on the front with a good flat key lock. Height of this unit, $29\frac{3}{16}$ inches. Shipping weight, 150 lbs.

UNIT No. 2240 $\frac{1}{2}$

This unit accommodates 28 instrument drawers. These drawers have the following inside dimensions: Depth, $3\frac{1}{2}$ inches; width, $8\frac{1}{4}$ inches; length, 16 inches. It has two swing doors on the front with a good

quality flat key lock. Height of unit, $29\frac{3}{16}$ inches. Shipping weight, 250 lbs.

UNIT No. 2240 $\frac{3}{4}$

This is a base unit for all of the above units and is 4 inches high, $22\frac{3}{4}$ inches deep and $42\frac{5}{16}$ inches long.

These units are made of oak, golden oak rub finish. The illustration shown is not intended to illustrate a practical arrangement of units, but is only to show the different kinds of units.

	Each
No. 2240 —TOP UNIT	\$
No. 2240 $\frac{1}{4}$ —DRAWING BOARD UNIT	\$
No. 2240 $\frac{1}{2}$ —INSTRUMENT DRAWER UNIT	\$
No. 2240 $\frac{3}{4}$ —BASE UNIT	\$

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See Price List Inside Back Cover

DRAWING STANDS



Drawing Stand No. 2241

No. 2241 CLINTON FOLDING DRAWING STAND

The top is adjustable as to slant in any one of six different positions. Adjustable as to height, from 30 to 37 inches by changing the position of legs. Top can be adjusted to hold drawing surface in vertical position, for poster work, oil painting, etc.; will accommodate drawing board up to 24x36 inches.

Table is made of birch—oil finish—dimensions: 24 inches wide, 24 inches deep. Shipping weight 17 lbs.

No. 2241—Stand only.....\$.....

For Drawing Boards, see pages 210 and 211.

No. 2243 ERIE ADJUSTABLE DRAWING STAND

Folding Type

Made of hardwood with white pine top. Adjustable from 29 to 42 inches in height. Top can be set at desired angle.

Is sturdily constructed and is easily adjusted.

No. 2243

Size of Board	Each
31x42x $1\frac{3}{8}$ inches....	\$.....
36x48x $1\frac{1}{8}$ inches....	\$.....
36x60x $1\frac{1}{8}$ inches....	\$.....



No. 2243

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See Price List Inside Back Cover

Drafting Room Furniture

PEASE DRAWING TABLES



Set-Up View

There is a considerable demand for a light, adjustable table and this table will answer every requirement of this character.

No. 2242 FOLDING DRAWING TABLE

A substantially built and well braced table that can be folded and moved about without inconvenience. Top is of selected clear basswood smoothly varnished, strengthened with hardwood cleats, and frame is of hardwood, natural finish.

Size, Inches	Each
No. 2242-A—24x32x $\frac{1}{2}$	\$.....
No. 2242-B—31x42x $\frac{1}{2}$
No. 2242-C—36x48x $\frac{1}{2}$



Folded View

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See Price List Inside Back Cover

The C.F. Pease Company

PEASE DRAWING TABLES



No. 2245

No. 2245—UNION DRAWING TABLE

Adjustable as to height and slant. Made of hardwood with pine wood top. Very firm and rigid and does not allow the slightest vibration. Especially adapted for school use.

Size of Top, inches	Each
No. 2245—24x32x $\frac{1}{8}$	\$
31x42x $\frac{1}{8}$	“
36x48x1 $\frac{1}{8}$	“
36x60x1 $\frac{1}{8}$	“

No. 2245-A—TOOL CABINET of 2 drawers, one drawer, 2x6 $\frac{1}{4}$ x20 $\frac{1}{8}$ inches; other drawer, 2 $\frac{3}{4}$ x6 $\frac{1}{4}$ x20 $\frac{1}{8}$ inches.

No. 2247—HURON DRAWING TABLE

This table has a hardwood frame with iron legs. It can be raised and lowered from 32 to 40 inches. The raising, lowering and tilting is done by means of hand wheels on the right-hand side, and when tightened the table is very rigid. Has pine top, one and one-sixteenth inches thick, except smallest size, with hardwood cleats on the bottom fastened to the board by screws through washers, with oblong holes to allow for expansion and contraction. Board is grooved with saw cuts to prevent warping.



No. 2247

Size, inches	Each
No. 2247—31x42x1	\$
36x48x1 $\frac{1}{16}$	“
36x60x1 $\frac{1}{16}$	“
42x72x1 $\frac{1}{16}$	“
42x84x1 $\frac{1}{16}$	“

EXTRAS

No. 2247-A—Foot Rest . . . \$

No. 2247-B—Swing Tray

No. 2247-C—Swing Drawer and Tray

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See Price List Inside Back Cover

Drafting Room Furniture

PEASE DRAWING TABLES



No. 2248

No. 2248—**DEARBORN DRAWING TABLE.** Recognized as the most popular table for general use in the drafting room. All wood construction. Easily adjusted as to both height and slant. Extra heavy standards and cross bars assuring rigidity. Selected white pine wood tops, with hardwood end cleats screwed on with slotted washers to allow for expansion and contraction. Adjustable in height, 31 to 41 inches.

STOCK SIZES

Top, 23x31x $\frac{1}{8}$ inches	\$
Top, 31x42x $\frac{1}{8}$ inches
Top, 36x48x $\frac{1}{8}$ inches
Top, 36x54x $\frac{1}{8}$ inches
Top, 36x60x $\frac{1}{8}$ inches

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PEASE DRAWING STANDS

**No. 2249 - PEERLESS
DRAWING STAND**

Especially adaptable to the needs of the commercial artist, sign writer, in fact, anyone doing art work. Stand is substantially built of tubular construction, finished in nickel plating and black enamel. Cork inserts in the feet of the stand make it sound and firm on the floor.

Drawer and tray with attachments on drawing board shown, are extra. Swivel head to which Oak Board or Pine Board is attached is universal in movement and permits board to be tilted or revolved in any position.



FRONT VIEW
Showing Oak Board and adjustable tool tray with drawer.

Board and center plate may be removed from the socket and another board substituted whenever desired. Nickel plated upright to which swivel head is attached can be adjusted to a maximum height of 43 inches.



REAR VIEW

Showing Pine Board attached to swivel head. Tool tray is extra attachment.

- Each
- No. 2249—**PEERLESS DRAWING STAND**, with varnished Oak Board Top 24x28 inches. (Without Tool Tray) \$
 - No. 2249-A—**PEERLESS DRAWING STAND**, same as 2249 but with White Pine Board Top, 23x31 inches. (Without Tool Tray)
 - No. 2249-B—**PEERLESS DRAWING STAND** same as 2249-A but with Pine Board Top, 24x36 inches.
 - No. 2249-C—**OAK TRAY**, 10x14 inches with adjustable arm
 - No. 2249-D—**OAK TRAY** with drawer, 9 7/8 x 14 inches (outside dimensions with adjustable arm)

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Drafting Room Furniture

PEASE DRAWING TABLES



No. 2250-A—ARTIST'S
DRAWING TABLE

Brown Ash Top—22x24''
with revolving, tilting and
raising adjustment, the latter
accomplished by means of rack
and pinion. Entire base of iron.

Without attachments...\$²⁸.....

No. 2250-A, with attachment No. 2250-D

No. 2250-B—ARTIST'S
DRAWING TABLE

Same as No. 2250-A with-
out rack and pinion device for
raising.

Its price is the lowest con-
sistent with good construction.

Without attachments...\$¹⁸.....



No. 2250-B, with attachments Nos. 2250-C and D

ATTACHMENTS FOR TABLES Nos. 2250-A, 2250-B

No. 2250-C—DRAWER, 7½x13x3½ inches, with tray top and
swinging arm,\$.....

No. 2250-D—INSTRUMENT SHELF, automatically kept level
at top of board,\$.....

No. 2250-F—CASTERS, per set,\$.....

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PEASE DRAWING STANDS

**No. 2251—STERLING
DRAWING STAND**

This stand is a lighter model than No. 2249 but of the same general sturdy steel construction, of tubular design, nickel plated and black enameled. It also has cork tips in the feet and universal adjustable swivel head.

As in the case of Peerless Stand, tray with attachments is extra.

No. 2251—STERLING Each
DRAWING STAND
with varnished Oak
Board Top, 24x28 in.,
(without Tool Tray) \$

No. 2251-A—STERLING
DRAWING STAND
with White Pine
Board Top, 23x31 in.,
(without Tool Tray) \$

No. 2251-B—STERLING
DRAWING STAND
same as 2251-A but
with White Pine
Board Top, 24x36 in.,
(without Tool Tray) \$

No. 2251-C—OAK TRAY
on adjustable arm. \$



**No. 2251-F—UNIVERSAL
ADJUSTABLE DRAWING
BOARD BRACKET**

This bracket makes the drawing board a portable unit permitting it to be moved to any place whenever desired. Can be attached to the edge of any table less than 1 1/2 inches thick and drawing board is adjustable to a maximum height of 17 inches from the bracket.

No. 2251-E—EXTENSION UPRIGHT
ARM Each \$

No. 2251-F—UNIVERSAL
ADJUSTABLE
DRAWING BOARD
BRACKET \$



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Peerless
adjustments
handsomely
utility, dura
white pine v
of 12 inches

Size of board, inch
36x48x1 1/8
36x55x1 1/8
36x60x1 1/8

Size, inches
36x48
36x55
36x60

No. 2253-A

No. 2253-B

All F

Drafting Room Furniture

PEASE DRAWING TABLES



No. 2253

Peerless Drawing Table No. 2253 has both tilting and vertical adjustments. Sturdily constructed of the best gray iron castings and handsomely finished with two coats of baked green enamel, it combines utility, durability and appearance. The top is made of selected soft white pine with heavy oak cleats on the back—has vertical adjustment of 12 inches. Drawer with tool tray can be furnished if desired.

No. 2253—PEERLESS DRAWING TABLES

Size of board, inches	Each	Size of board, inches	Each
36x48x1 $\frac{1}{8}$	\$	36x72x1 $\frac{1}{8}$	\$
36x55x1 $\frac{1}{8}$	42x60x1 $\frac{1}{8}$ .....	.....
36x60x1 $\frac{1}{8}$	42x72x1 $\frac{1}{8}$ .....	.....

BASES ONLY FOR BOARDS

Size, inches	Each	Size, inches	Each
36x48	\$	36x72	\$
36x55	42x60 .....	.....
36x60	42x72 .....	.....

ACCESSORIES

	Each
No. 2253-A—DRAWER with tray on removable arm. Dimensions of drawer, 8x12x3 inches	\$
No. 2253-B—DRAWER under board, with key. Dimensions of drawer, 18x24x2 inches

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Ink,
Pencils,
Artists'
Sup.

gry.
ory.
Field

The C.F. Pease Company

PEASE CRAFTSMAN IRON BASE ADJUSTABLE TABLE



No. 2255

This is a new type iron base adjustable drawing table. Is very rigid. Table top is raised or lowered by beveled gears and threaded vertical shafts, operated for raising and lowering by an 8-inch hand wheel on cross shaft. This gives a positive motion and the top can never slip down. No need for set screws or safety devices on this table. Base is made of cast iron and steel, and has a high finish of black enamel. Vertical shafts revolve on ball bearings, and the horizontal shaft has babbitted bearings.

Top is made of selected white pine with two hardwood cleats, fastened to board with screws and oblong washers which allow for contraction and expansion of the top. Top is finished with one coat of varnish.

- No. 2255 —PEASE CRAFTSMAN TABLE—size top, 36x48 inches without tool tray. \$
- No. 2255 —PEASE CRAFTSMAN TABLE—size top, 36x48 inches with tool tray.
- No. 2255 —PEASE CRAFTSMAN TABLE—size top, 36x60 inches without tool tray.
- No. 2255 —PEASE CRAFTSMAN TABLE—size top, 36x60 inches with tool tray.
- No. 2255 —PEASE CRAFTSMAN TABLE—size top, 42x72 inches without tool tray.
- No. 2255 —PEASE CRAFTSMAN TABLE—size top, 42x72 inches with tool tray.
- No. 2255 —PEASE CRAFTSMAN TABLE—size top, 42x84 inches, without tool tray.
- No. 2255 —PEASE CRAFTSMAN TABLE—size top, 42x84 inches, with tool tray.
- No. 2255-A—SWINGING TOOL DRAWER AND TRAY.

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The Pease construction table top be height in fro lowering the absolutely r
Top is o which allow of steel enti striped.

Without To
With Tool T
Without To
With Tool T
Without To
With Tool T
Without To
With Tool T



All F

Drafting Room Furniture

PEASE ADJUSTABLE DRAWING TABLE

Steel Base

The Pease Table No. 2256, illustrated below is of simple mechanical construction. A hand-wheel operated worm gear will raise or lower the table top between 35 inches minimum height and 46 inches maximum height in from 15 to 30 seconds. Can be tilted to any angle without lowering the front. No danger of dropping or slipping as the table is absolutely rigid at any height.

Top is of selected white pine varnished smooth with oak end cleats which allow for expansion and contraction and prevent warping. Base is of steel entirely finished in olive green baked enamel and attractively striped.

General Specifications

	Size Top	Each
Without Tool Tray	36"x48"	\$
With Tool Tray	36"x48"	
Without Tool Tray	36"x60"	
With Tool Tray	36"x60"	
Without Tool Tray	42"x72"	
With Tool Tray	42"x72"	
Without Tool Tray	42"x84"	
With Tool Tray	42"x84"	

Shipped set up with top detached



TABLE No. 2256
Front view of table
showing top lowered
and swinging tool tray
attachment.

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See Price List Under Inside Back Cover

The C.F. Pease Company

CONSTRUCTION OF PEASE DRAWING TABLES, BOARDS AND FILING SECTIONS



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5

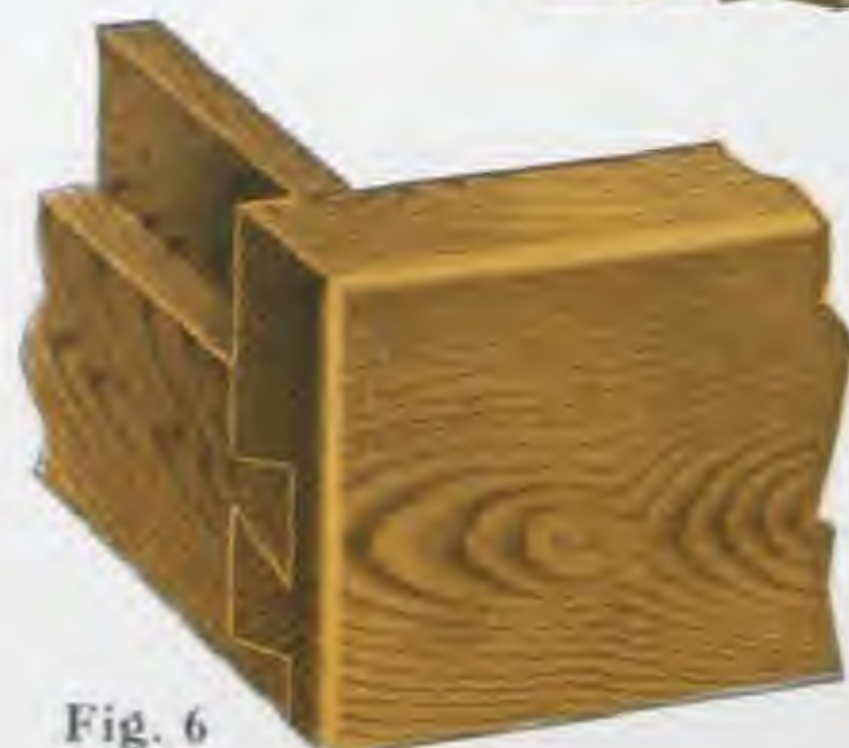


Fig. 6

Fig. 1—Shows construction of our No. 2218 Drawing Boards. The heavy cleats are fastened to the drawing boards by screws and oblong washers which allow for contraction and expansion of boards. All our drawing boards are made up of strips tongued and grooved together.

Fig. 2—Shows the hardwood end pieces screwed to the board.

Fig. 3—Illustrates our No. 2200 and No. 2201 Drawing Boards with end cleats and tongued and grooved center portion.

Fig. 4—Shows the construction of our No. 2261 table. Cut shows the front rail grooved into the table leg. The side rail rests on this, and the two rods shown run through the side rail from front to back of table of knocked-down construction and when screwed up tight is more rigid than type of table that cannot be knocked down for shipment. The front rails slide in the table leg groove, making it adjustable as to length.

Fig. 5—Shows the top front and end rail construction of our tables No. 2257, No. 2258 and No. 2263. End rails are mortised and tenoned, and front rails are mortised and tenoned and bolted, which makes a very rigid knocked-down construction.

Fig. 6—Shows the construction of our wood filing cabinets No. 2270 and No. 2271. The side rails are dovetailed into the drawer fronts and the drawer bottoms are so constructed that they cannot sag or warp, causing the drawer to bind.

Drafting Room Furniture

PEASE DRAWING TABLES



No. 2257 $\frac{1}{2}$ -F
Adjustable Top

This table is well made, well finished, and is an asset to any drafting room. The space in the top over the drawers or units is closed, preventing the accumulation of dust when the top is raised. See page 238.

Has an adjustable top 42x84 inches with hardwood cleats on ends for T-square. Has one long drawer 50 $\frac{5}{8}$ inches wide, 32 inches deep, and two inches high inside. Also, one tool drawer 20 $\frac{1}{8}$ inches wide, 32 inches deep, and 3 $\frac{7}{8}$ inches high inside. The height from floor to table top is 34 inches. When using the blocks the height is increased to 37 inches. Material—Oak, light golden oak finish.

	Each
No. 2257 $\frac{1}{2}$ —No Drawers, with Adjustable Top 42x84 inches	\$
No. 2257 $\frac{1}{2}$ -F—One Long Drawer and One Tool Drawer and adjustable Top 42x84 inches
No. 2257 —No Drawers, with Solid Top 42x84 inches
No. 2257-F—One Long Drawer and One Tool Drawer and with Solid Top 42x84 inches

All Furniture Illustrated and Described Is Carried in Stock
See Price List Under Inside Back Cover

PEASE DRAWING TABLES



No. 2257 1/2-A

No. 2257-A—**WELLINGTON Drawing Table.** Body of selected oak—rub finish. Top, soft pine, 42x84x1 1/8 inches, with hardwood end cleats. Table 34 inches high equipped with 3-inch raising blocks.

Two small drawers, 17 5/8x25x3 7/8 inches inside. Six large drawers 25x37 5/8x2 inches inside.

No. 2257-B—**JACKSON Drawing Table.** Selected oak—light golden oak finish. Top, soft pine, 42x84x1 1/8 inches, with hardwood end cleats. Table 34 inches high, equipped with 3-inch raising blocks.

Two small drawers, 20x32x3 7/8 inches inside. Six large drawers, 32x42 3/8x2 inches inside.

	Each
No. 2257-A —DRAWING TABLE (solid top)	\$
No. 2257 1/2-A—DRAWING TABLE (adjustable top)
No. 2257-B —DRAWING TABLE (solid top)
No. 2257 1/2-B—DRAWING TABLE (adjustable top)
No. 2257-C —LOCK FOR TOOL DRAWER

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See Price List Under Inside Back Cover

Drafting Room Furniture

PEASE DRAWING TABLES



No. 2258 $\frac{1}{2}$ -F

Furnished with either adjustable or solid top of selected white pine. Size 36x72x1 $\frac{1}{8}$ inches. This table has hardwood end cleats which allow for contraction and expansion, and top is finished with one coat of varnish, sanded smooth. Table is closed in under the top and over units or drawers, preventing dust accumulation. See page 238.

The body of the table and tool drawer are made of oak, light golden oak finish. The height of the table top from the floor is regularly 34 inches but when using the blocks, the height is increased to 37 inches.

	Each
No. 2258 $\frac{1}{2}$ — No Drawers, with Adjustable Top	\$
No. 2258 $\frac{1}{2}$ -F—With one Tool Drawer and Adjustable Top
No. 2258— No Drawers, with Solid Top
No. 2258-F— With one Tool Drawer and Solid Top

All Furniture Illustrated and Described is Carried in Stock
See Price List Under Inside Back Cover

Ink,
Pencils,
Artists'
Sup.

Agts.
Surv.
Field

The C.F. Pease Company

PEASE DRAWING TABLES



No. 2258 $\frac{1}{2}$ -A

No. 2258-A—**FULLERTON Drawing Table.** Made of selected oak—rub finish. Soft pine top, 36x72x1 $\frac{1}{8}$ inches, with hardwood end cleats. Table 34 inches high, equipped with 3-inch raising blocks and tool tray.

Two small drawers, 17 $\frac{3}{8}$ x25x3 $\frac{1}{8}$ inches inside. One large drawer 37 $\frac{1}{2}$ x25x2 inches inside.

No. 2258-B—**GARFIELD Drawing Table.** Selected oak—rub finish. Soft pine top, 42x84x1 $\frac{1}{8}$ inches, with hardwood end cleats. Table 34 inches high, equipped with 3-inch raising blocks and tool tray.

Two small drawers, 17 $\frac{3}{8}$ x25x3 $\frac{1}{8}$ inches inside. One large drawer, 37 $\frac{3}{8}$ x25x2 inches inside.

	Each
No. 2258-A—DRAWING TABLE (solid top).....	\$.....
No. 2258 $\frac{1}{2}$ -A—DRAWING TABLE (adjustable top).....
No. 2258-B—DRAWING TABLE (solid top).....
No. 2258 $\frac{1}{2}$ -B—DRAWING TABLE (adjustable top).....
No. 2258-C—LOCK FOR TOOL DRAWER.....

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See Price List Under Inside Back Cover

Drafting Room Furniture

PEASE GLASS TOP SHADOWLESS TRACING TABLE



No. 2260

Cut-away view showing interior of reflector

For retracing from blue prints, old drawings, etc. Equipped with electric lights underneath plate glass top. Parabolic reflector assures even light distribution, allowing no eye strain.

Table top is 36x48 inches, hinged in front and adjustable at the rear. Plate glass drawing surface is 24x36 inches. Top frame is made of pine—lights and reflector are attached to top, thereby assuring same relative position whether the top is raised or lowered.

Using a sheet of celluloid between glass and drawing provides suitable working surface for compass or divider points. Small tracings or blue prints can be attached to glass with gummed stickers. Celluloid not included with table.

Table is thoroughly ventilated preventing excessive heat. Body of table made of oak, light golden oak finish; height, 34 inches. Frosted or ground glass will be furnished if desired.

No. 2260—TRACING TABLE	Each	\$
------------------------------	------	----------

Note—Electric Bulbs not furnished. We recommend 75 or 100 watt milk glass bulbs.

All Furniture Illustrated and Described Is Carried in Stock
See Price List Under Inside Back Cover

PEASE DRAWING TABLES



No. 2244

This is a strong and rigid drawing table and is popular among Architects and Engineers. Working top, as illustrated, is adjustable as to slant and is of selected basswood with hardwood end cleats which allow for contraction and expansion. Top is finished with one coat of varnish, sanded smooth.

There is a blue print compartment underneath the table top and also one drawer with tool tray beneath at the right hand side of the table.

Body of the table is of oak, light golden oak finish, and the regular height and working surface is 34 inches from the floor. When raising blocks are used the height can be increased to 37 inches.

	Each
No. 2244—With 36x48x1 $\frac{1}{8}$ inch Top.....	\$.....
No. 2244-A—With 36x54x1 $\frac{1}{8}$ inch Top.....
No. 2244-B—With 36x60x1 $\frac{1}{8}$ inch Top.....
No. 2244-C—With 36x72x1 $\frac{1}{8}$ inch Top.....

All Furniture Illustrated and Described is Carried in Stock
See Price List Under Inside Back Cover



No. 22

These especially shown on for this pur are very ri

They constructe be slipped creased an —See price

No. 2261

No. 2261-

No. 2261-

No. 2261-

See pa section w No. 2261

All

Drafting Room Furniture

PEASE DRAWING TABLES



No. 2261 BELMONT DRAWING AND REFERENCE TABLE
(With 2271-C and K Units)

ADJUSTABLE FRONT AND BACK

These tables are made of Oak, with White Pine tops, and are especially designed to be used with our Sectional Units Nos. 2270 or 2271, shown on pages 253 to 255, Sections C and K being particularly adapted for this purpose. They are shipped "knocked-down," and when assembled are very rigid.

They are adjustable as to height or slant. Provided with specially constructed slot between top and guard rail through which drawing can be slipped. This feature helps greatly to keep drawings from being creased and wrinkled. This table can be ordered with or without sections—See price list for prices of various sections.

	Each
No. 2261 —ADJUSTABLE DRAWING TABLE, with top only, 36x60.....	\$.....
No. 2261-A—ADJUSTABLE DRAWING TABLE, with top only, 36x72.....
No. 2261-B—ADJUSTABLE DRAWING TABLE, with top only, 42x72.....
No. 2261-C—ADJUSTABLE DRAWING TABLE, with top only, 42x84.....

See page 255 for description of Sectional Units for use in connection with these tables. Note: Large sections cannot be fitted to No. 2261 and 2261A Tables on account of depth.

All Furniture Illustrated and Described Is Carried in Stock
See Price List Under Inside Back Cover

The C.F. Pease Company

PEASE DRAWING TABLES



No. 2263 1/2-A

This is a very substantial table and very popular with Architects and Engineers. Entire table is made flush under the top preventing the accumulation of dust in the top drawers and under the top. See cut below.

Body of table is of oak, light golden oak finish, and table top is of selected white pine with hardwood end cleats to prevent warping and is finished with one coat of varnish, sanded smooth. Table top is regularly 34 inches from the floor but can be raised to 37 inches with blocks supplied as illustrated.

Many draftsmen prefer to use a small drawing board on the flat top of table. For this purpose our No. 2263-C or 2263-D drawing boards described on page 239 will be found useful.



Showing method of closing the table under the top preventing dust accumulation.

No. 2263-A—With one Long Drawer 25x37 1/8x2 inches and one Tool Drawer, 10 1/2x25x3 1/4 inches and Solid Top 36x60x1 1/6 inches, each \$

No. 2263 1/2-A—With one Long Drawer, and one Tool Drawer, as above, and with Adjustable Top same size as Solid Top, each \$

All Furniture Illustrated and Described Is Carried in Stock
See Price List Under Inside Back Cover

Drafting Room Furniture

PEASE DRAWING TABLES



No. 2263 1/2-B

With No. 2040 Parallel Rule Attachment and No. 2044 Straightedge

- | | | |
|----------------|---|------------|
| No. 2263-B | —SHERIDAN Solid Top Drawing Table, with one large shallow drawer and five small drawers and tool tray | Each
\$ |
| No. 2263 1/2-B | —SHERIDAN Adjustable Drawing Table, same as No. 2263-B but with adjustable top | |

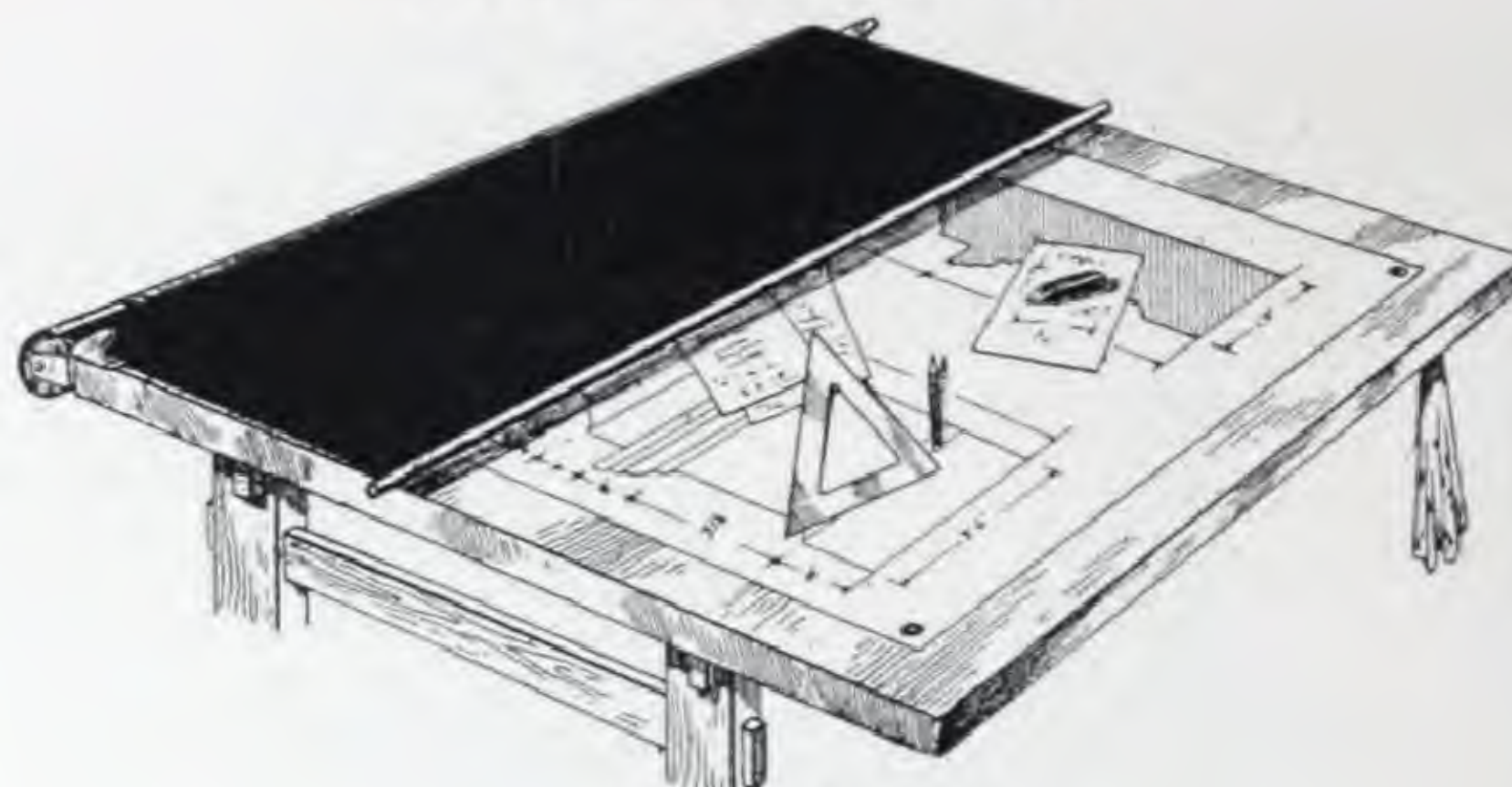
These tables are made of oak, rub finish with pinewood top, 36x60x1 1/8 inch, which can be adjusted to any desired angle. The table is 34 inches in height and is furnished with raising blocks. It is closed under the drawing board top so dust will not accumulate in drawers when used with top tilted.

Large shallow drawer is 25x37 1/8x2 inches inside, smaller drawer 10 1/2x25x3 3/4 inches inside, and four drawer unit 35 5/8x10 1/4x23 inches inside. These tables are shipped "knocked-down" and when assembled are very rigid. Pease Parallel rule attachment can be furnished at a small additional cost. See pages 186-187.

- | EXTRAS | | Each |
|------------|---|------|
| No. 2263-C | —LOOSE INCLINED BOARD, 31x42 | \$ |
| No. 2263-D | —LOOSE INCLINED BOARD, 24x36 inches | |
| No. 2263-F | —LOCK—ORDINARY—2 keys each | |
| No. 2263-G | —LOCK—MASTER-KEYED—2 keys each, 1 master key with 8 or more locks | |
| No. 2263-H | —HOLD-DOWN WIRES, per pair | |

All Furniture Illustrated and Described Is Carried in Stock
See Price List Under Inside Back Cover

DRAWING PROTECTOR



No. 2280

No. 2280—PROTECTING COVER.

Curtain of heavy black rubberized material, mounted on best spring rollers. Fully protects board and drawings from dust and moisture. Valuable tracings can be left on the board without fear of injury from dust, open windows or leaky pipes.

Made in standard lengths.

	Width, inches	42	48	54	60	72	84
Each		\$	\$	\$	\$	\$	\$

DUSTING BRUSHES

For Removing Crumbs of Rubber, Etc., from Drawings



No. 2286

No. 2286—DUSTING BRUSH, best grade China bristle, firmly set, 8-in. brush with 6-in. handle	Each \$
No. 2287—DUSTING BRUSH, Flat Drawing Board Brush	

All Furniture Illustrated and Described Is Carried in Stock
See Price List Under Inside Back Cover

Drafting Room Furniture

PEASE SET-EZY STOOLS



No. 2297C

These stools provide comfort and relaxation for your draftsmen and enable them to turn out more and better work under the most satisfactory conditions. Particular features of construction are the 4 point suspension seat 13" in diameter and the securely riveted steel angle frame, perfectly leveled so that it sets solidly.

Rubber feet can be supplied or the legs of the stools will be fitted with smooth-rolling hard casters if desired. Both stools are attractively finished in Olive Green baked enamel and shipped completely set up.



No. 2297A

	Height Inches	Each
No. 2297 —SET-EZY STOOL, without back, Steel Seat,	18 to 22.....	\$.....
No. 2297A—SET-EZY STOOL, without back, Steel Seat,	24 to 30.....	\$.....
No. 2297B—SET-EZY STOOL, without back, Steel Seat,	30 to 36.....	\$.....
No. 2297C—SET-EZY STOOL, with back, Wood Seat,	24 to 30.....	\$.....
No. 2297D—SET-EZY STOOL, with back and castors, Wood Seat,	24 to 30.....	\$.....

Stools 2297 to 2297-B Inclusive with Wood Seats \$1.00 Extra.



No. 2297K

PEASE COMFORT CUSHION

Will not fit stools with wood seat

Designed particularly for Pease Set Ezy stools but can be used on other stools 13 or 14 inches in diameter. Made of thick sponge rubber with green felt cover vulcanized to the rubber. Shaped with a special flange underneath that holds cushion firmly on the stool seat. Comfortable, reduces wear of clothing and is practically everlasting.

No. 2297-K—COMFORT CUSHION.....	Each \$.....
---------------------------------	-----------------

All Furniture Illustrated and Described Is Carried in Stock
See Price List Inside Back Cover

The C.F. Pease Company

PEASE DRAFTSMEN'S STOOLS, WOOD

Our line of wooden stools is very complete. They are sturdily constructed of finely seasoned material, designed for hard usage and at the same time to make desirable and good looking pieces of office or drafting room furniture. Carefully packed to avoid scarring or breakage.

DESCRIPTION

	Each
No. 2290-B—ELM STOOL, wood seat, 30 inches high	\$
No. 2290 —ELM STOOL, wood seat, 34 inches high	
No. 2292-A—OAK STOOL, wood seat, adjustable from 26 inches to 30 inches	
No. 2292 —OAK STOOL, wood seat, adjustable from 31 inches to 35 inches. (Same as No. 2292-A)	
No. 2294-A—OAK STOOL, wood seat, adjustable from 26 inches to 30 inches	
No. 2294 —OAK STOOL, wood seat, adjustable from 31 inches to 35 inches. (Same as No. 2294-A)	
No. 2296 —OAK STOOL, with back, adjustable from 31 inches to 35 inches	
No. 2296-A—OAK STOOL, with back, adjustable from 31 inches to 35 inches	
No. 2296-B—OAK STOOL, with back, adjustable from 31 inches to 35 inches	

All Furniture Described Is Carried in Stock
See Price List Under Inside Back Cover



No. 2290-B



No. 2296

All F

Drafting Room Furniture

DRAFTSMEN'S STOOLS, WOOD



No. 2290



No. 2294



No. 2292



No. 2296



No. 2296-A



No. 2296-B

All Furniture Illustrated and Described is Carried in Stock
See Price List Under Inside Back Cover

Ink,
Pencils,
Artists'
Sup.

Engg.
Surv.
Field
Sup.

The C.F. Pease Company

PEASE STEEL DRAFTSMEN'S STOOLS A New Idea for Drafting Room or Factory



No. 2299-A

No. 2299-B

No. 2298-A

Special attention has been given to the design and construction of Pease Steel Stools to make them indestructible and yet attractive as an economical piece of furniture. Uprights are supported by two sets of braces instead of one and an extra set of cross braces is set in to overcome the weakness found in stools of other makes.

On No. 2299-B Stool, back can be adjusted to the full extent of the supporting rods. Seat can be raised or lowered according to the height of draftsman and the foot rest is also adjustable. All stools are finished in olive green with 14½-inch oak seat.

Description

	Each
No. 2298-A—STEEL STOOL, 28 inches high.....	\$.....
No. 2298-B—STEEL STOOL, 30 inches high.....
No. 2298-C—STEEL STOOL, 32 inches high.....
No. 2299 —STEEL STOOL, adjustable, 26 to 31 inches.....
No. 2299-A—STEEL STOOL, adjustable, 30 to 35 inches.....
No. 2299-B—STEEL STOOL, same as 2299-A, but with adjustable back.....
ADJUSTABLE FOOT RESTS, extra.....

All Furniture Illustrated and Described Is Carried in Stock
See Price List Under Inside Back Cover



No.
PEASE DR
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One dra
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inches deep,
inches; width

No. 2264—C

Pease T
M as shown



All F

Drafting Room Furniture

STEEL STOOLS—FILING CABINET



No. 2298 $\frac{1}{2}$

This stool is arranged so that the height can be adjusted by inches. The back is adjustable and removable.

This stool takes the place of several stools of different height and the legs can be very easily raised or lowered. Height, 26x31 inches. Furnished with 14 $\frac{1}{2}$ -inch oak seat and comes with or without back as desired.

	Price
No. 2298 $\frac{1}{2}$ —Without back	\$
No. 2298 $\frac{3}{4}$ —With back

PEASE DRAFTING ROOM CABINET

This cabinet is especially useful for engineers, draftsmen, students, etc. Made of oak, rub finish with top rim to prevent instruments, ink bottles, etc., from falling off.

One drawer is 3 $\frac{3}{4}$ inches deep, 12 inches wide and 16 $\frac{1}{8}$ inches long, inside measurements. One drawer same as above, but 5 inches deep. Large drawer is 11 $\frac{3}{4}$ inches deep. Overall dimensions: Height, 32 inches; width, 14 $\frac{3}{4}$ inches; depth, 20 inches.

	Price
No. 2264—CABINET	\$



No. 2264

TOOL TRAY

Pease Tool Tray is furnished in wood filing sections, style K and M as shown on page 254. Also tables No. 2257, No. 2258, and No. 2261.



	Price
No. 2265-A—Large Size—to fit sections No. 2270-K, 2270-M	\$
No. 2265-B—Small Size—to fit sections Nos. 2271-K, 2271-M

All Furniture Illustrated and Described Is Carried in Stock
See Price List Under Inside Back Cover

The C.F. Pease Company

PEASE CALUMET FILES Nos. 2284. A-B-C-D-E, Etc.



File Rack Extended

Unexcelled for filing prints and tracings. When the file rack is extended, every index is instantly visible. No curled or torn prints and always free from dirt.

Note the compactness and simplicity. Requires a minimum of floor space and indexes under 26 divisions with a capacity of more than 2500. Requires but 20 seconds to load a binder and will handle lengths of any size up to 70 inches. Constructed entirely of steel with welded joints and finished in olive green baked enamel. Every set of prints or tracings is indexed directly upon the binder and are always ready in loose leaf book form.

Unit No.	Maximum Filing Size	Style of Rack	Shipping Weight
2284-A	24"x70"	Plain	450 lbs.
2284-F	11"x70"	Style A	450 "
2284-G	24"x70"	Style B	450 "
2284-B	30"x70"	Plain	495 "
2284-H	14"x70"	Style A	495 "
2284-J	30"x70"	Style B	495 "
2284-C	36"x70"	Plain	550 "
2284-K	17"x70"	Style A	550 "
2284-L	36"x70"	Style B	550 "
2284-D	42"x70"	Plain	625 "
2284-M	20"x70"	Style A	625 "
2284-N	42"x70"	Style B	625 "
2284-E	48"x70"	Plain	700 "
2284-O	23"x70"	Style A	700 "
2284-P	48"x70"	Style B	700 "

Any of the above cabinets will take plans from size 8½x11" up to and including the maximum size given.

Full Width Binders for any size file—state unit number, each \$
 Half Width Binders for any size file—state unit number, each \$
 Extra keys for tightening binders, each \$

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File Rack Closed

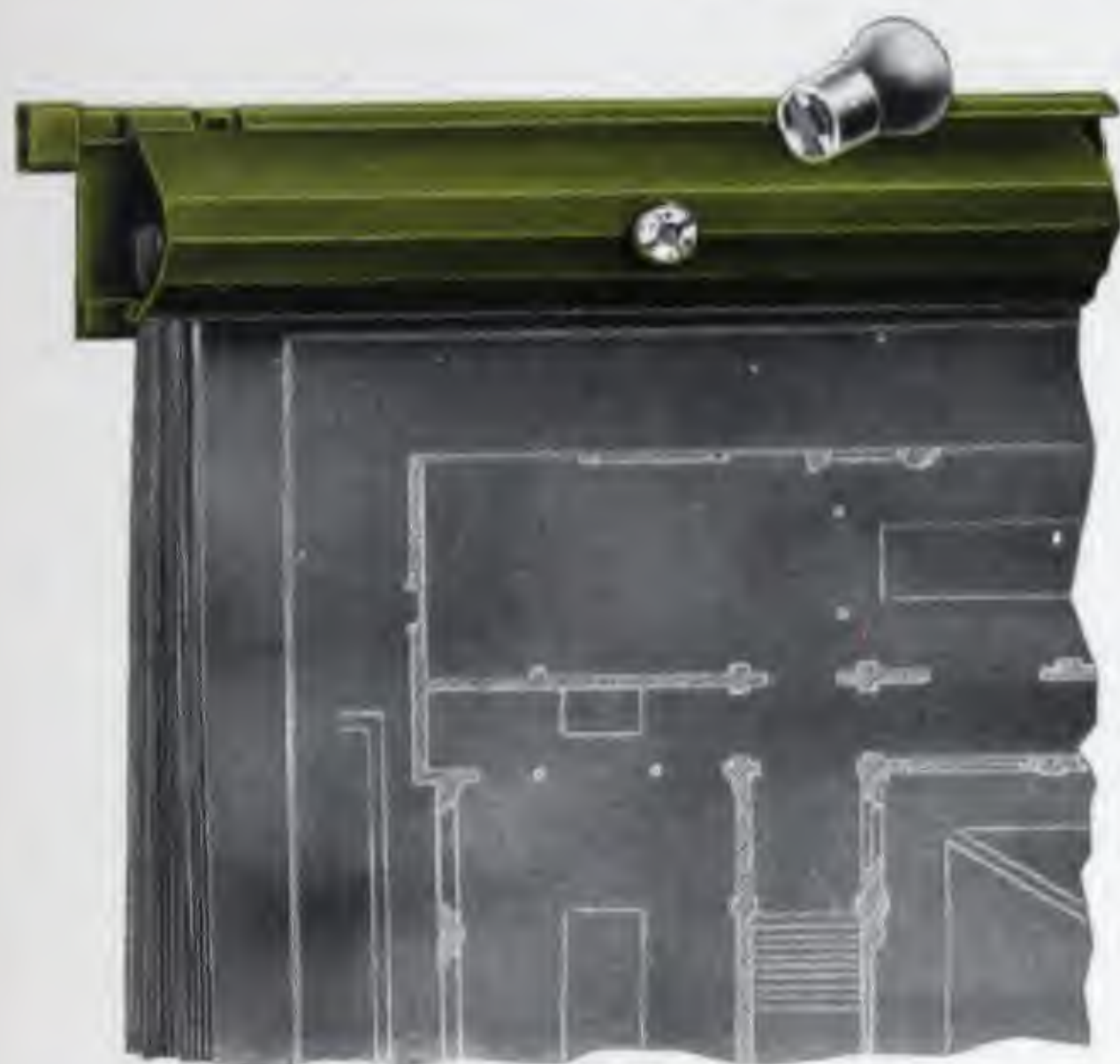
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Style A, an
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Nos. 2284-F
Style B rack
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The Style B
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Drafting Room Furniture

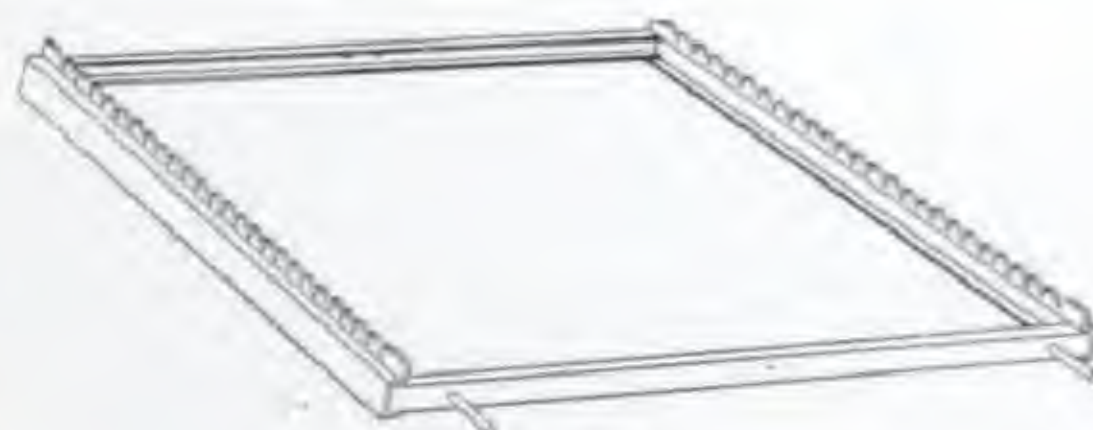
PEASE CALUMET FILES

Operation of Binder



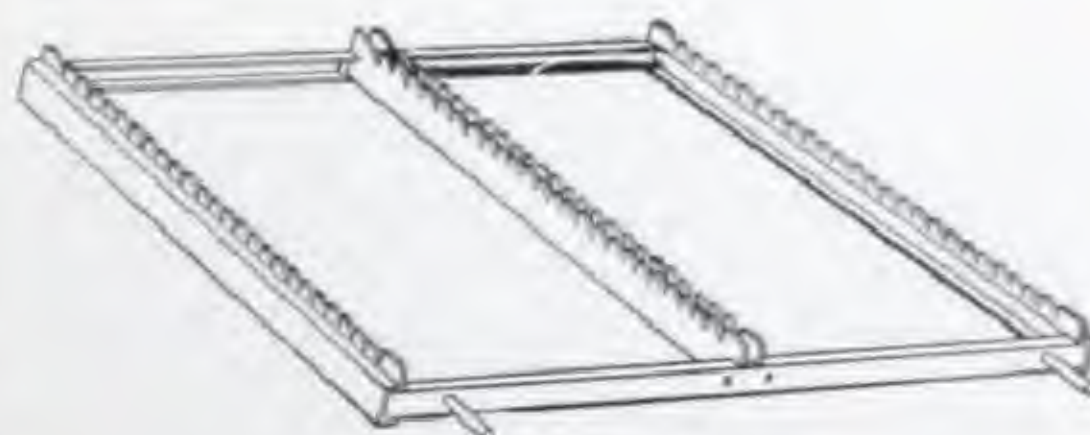
The cut at the left shows a detail of the Hamilton-Calumet Binder. The Key shown is furnished with each cabinet and fits the four burs with which each binder is tightened. It is made so that it will not easily slip off of the bur. The jaws of the binder spring apart as the burs are loosened, to permit removal and replacing of plans.

The rack which holds the binders in the Calumet is made in three styles, namely: Plain, Style A, and Style B. The plain rack is for full width binders, which take plans the maximum width possible in the cabinet.

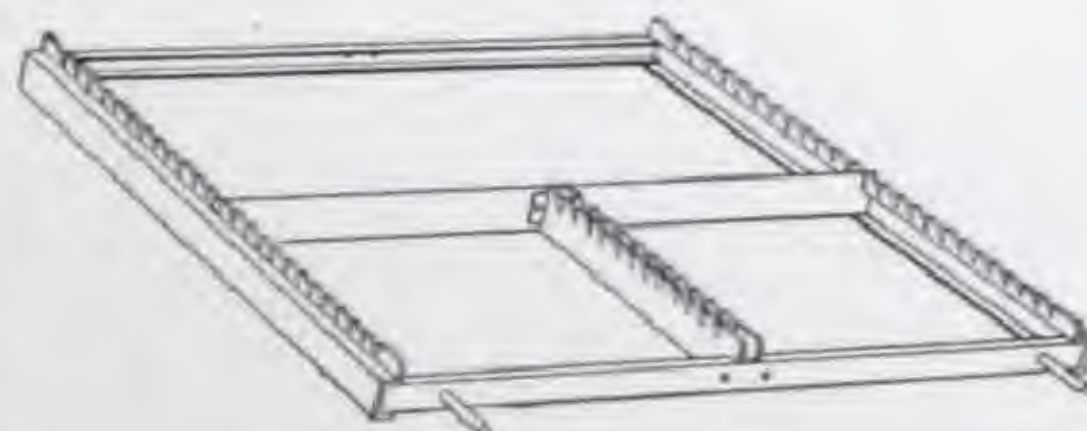


Plain Rack

These plain racks are supplied in Cabinets Nos. 2284-A, B-C-D and E. The Style A rack is for half width binders, and will take 52 binders. The Style A racks are supplied in Cabinets Nos. 2284-F-H-K-M and O. The Style B rack will take 13 large full width binders at the rear and 24 half width binders at the front. The Style B rack is supplied in Cabinets Nos. 2284-G-J-L-N and P. Further specifications are shown on page 246.



Style A Rack



Style B Rack

All Furniture Illustrated and Described Is Carried in Stock
See Price List Under Inside Back Cover

PEASE CALUMET FILES Replacing Binders in Cabinet

The method of replacing binders in cabinet is as follows: Do not attempt to lower the bottom edges of the prints into the opening for the binders. This is very difficult and the following method is very much easier.

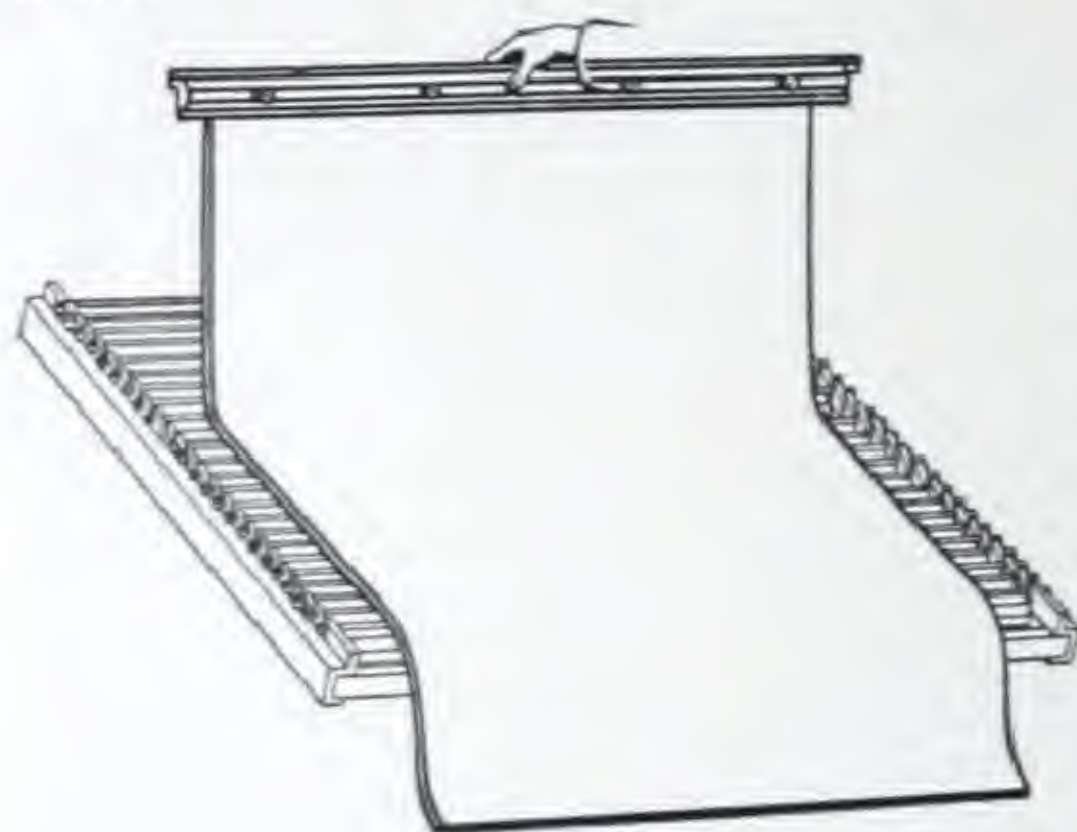


Fig. 1

First: Grasp binder in center with right hand and lay prints on rack so binder is above the opening for it. (See Fig. 1.) Hold the prints flat with the left hand so they will not slide down.

Second: With left hand, push the prints down into the correct opening; at the same time lower the binder with the right hand. (See Fig. 2.)

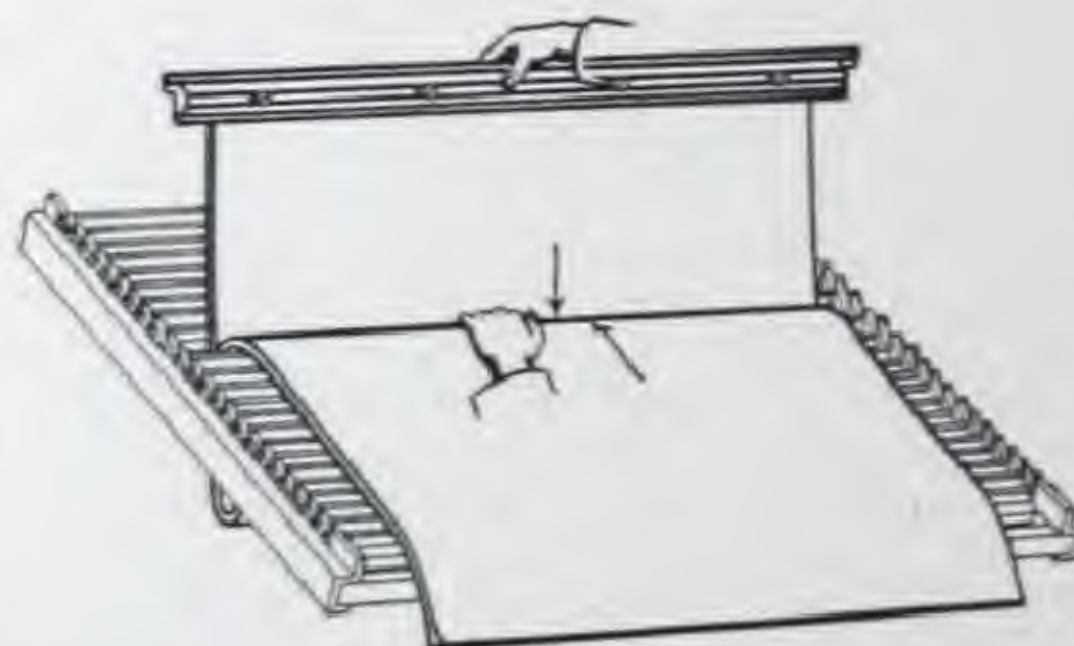


Fig. 2

Third: Drop binder into the correct notch of rack and then grasp the prints by the lower edges. (See Fig. 3.) Then push the prints forward and they will drop automatically in place, hanging in the correct position.

Screw holes are provided in each of the rear corners of cabinet for fastening cabinet to floor when necessary.

When locking up binders on to blue prints, do not set screws or burs up too tightly. After prints are placed burs should be turned down by hand as far as possible, then give bur one complete turn with Key which is sufficient to hold prints securely.

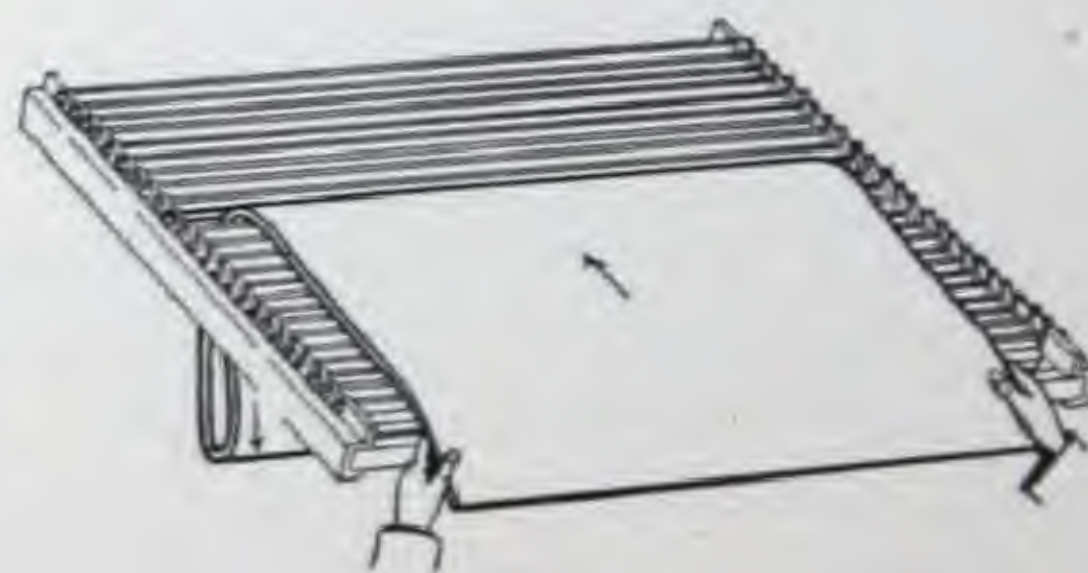


Fig. 3

All Furniture Illustrated and Described Is Carried in Stock
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STABILITY
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of contents or
mosphere.

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DRAWER PU
BEL HOLDE
brass, satin fini

FINISH—Th
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enamel.

All Fu

Drafting Room Furniture

PEASE STEEL FILING CABINETS Highest Quality Manufactured



Nos. 2266-A-C-E-H or 2267-A-C-E-H

STEEL PLANDRAW-ER CABINETS are made of cold rolled furniture steel, which has been re-annealed and pickled to remove all foreign matter and leveled to eliminate buckling. Welded corners eliminate joints.

FIRE PROTECTION—Built entirely of steel, they are a protection against destruction by fire. Double steel sides and heads with the dead air space for additional strength and protection.

STABILITY—Steel is practically indestructible. Changes of atmosphere do not swell or shrink the drawers or cause the joints to separate.

EASE OF OPERATION—The Angle Runs insure easy operation regardless of weight of contents or changes of atmosphere.

COLOR—Olive green, which will blend with any surroundings.

DRAWER PULLS AND LABEL HOLDERS—Stamped brass, satin finish.

FINISH—The surface is very hard and smooth and has a rich dull effect, produced after applying successive coats of baked enamel.



Style A



Style B



Style C

All Furniture Illustrated and Described is Carried in Stock
See Price List Under Inside Back Cover

The C.F. Pease Company

PEASE STEEL FILING CABINETS



Nos.
2266-W

2266-B

2266-E

2266-H

GEIMER PAPER WEIGHT

This is a patented device that adds immensely to the value of a filing drawer.

It keeps your tracings or blueprints from curling up in front and takes up very little space in the drawer.

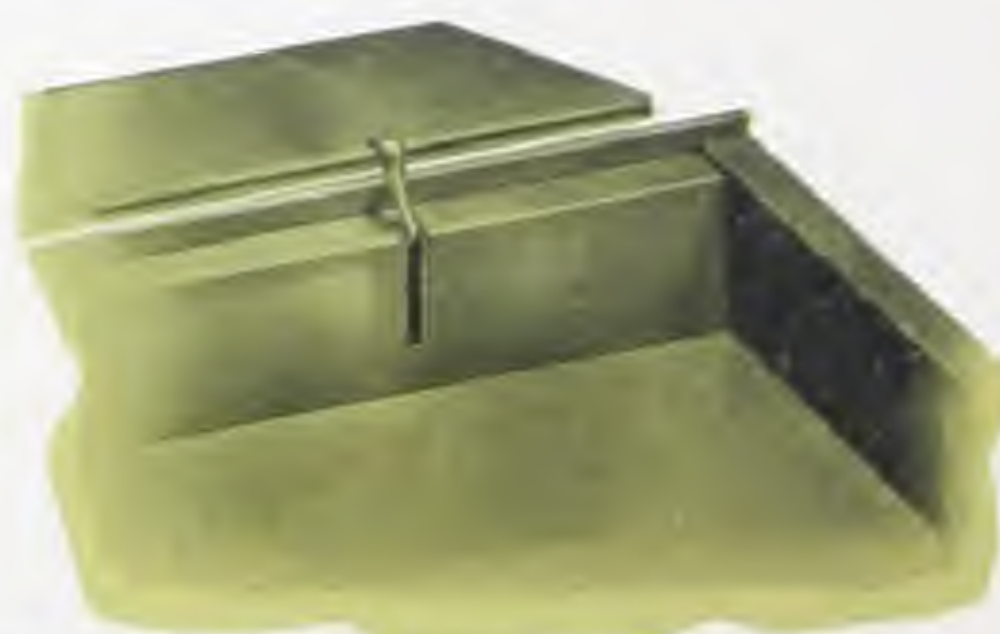
Inside corner of Drawer showing Geimer Paper Weight in position



GAUGES OF STEEL USED

	Gauge
Drawer fronts	20
Drawer bottoms	22
Drawer sides	18
Tops	18
Side and back panels	16
Corner parts	11

Inside corner of Drawer showing Geimer Paper Weight open



All Furniture Illustrated and Described Is Carried in Stock
See Price List Inside Back Cover

No. 2266-A Top
No. 2266-B Six Dr
No. 2266-C Five Dr
No. 2266-D Three
No. 2266-E Three
No. 2266-F One Dr
No. 2266-G Solid B
No. 2266-H Low S
No. 2266-J High S
No. 2266-S Glass T
No. 2266-W Five Dr
No. 2266-X Five
attached
No. 2267-A Top
No. 2267-B Six Dr
No. 2267-C Five Dr
No. 2267-D Three
No. 2267-E Three
No. 2267-F One Dr
No. 2267-G Solid B
No. 2267-H Low S
No. 2267-J High S
No. 2267-S Glass T
No. 2267-W Five Dr
No. 2267-X Five
attached, 12 in.
Style B Drawers
Style C Drawers
Style D Drawers
Style E Drawers
Locking Device
All Fu

Drafting Room Furniture

PEASE STEEL FILING CABINETS



Nos. 2266-W-C-X—2267-W-C-X

	Inside Length Inches	Width of Draw- ers Inches	Depth of Draw- ers Inches	Outside Length Inches	Width Over All Inches	Height Over All Inches	Ship- ing Weight Pounds	Each
No. 2266-A Top.....				40 3/4	29 3/4	7 1/4	40	\$...
No. 2266-B Six Drawer Section.....	37	25	2 1/4	40 3/4	28 1/2	20	305	...
No. 2266-C Five Drawer Section.....	37	25	2	40 3/4	28 1/2	15 3/4	250	...
No. 2266-D Three Drawer Section.....	37	25	2	40 3/4	28 1/2	9 3/4	175	...
No. 2266-E Three Drawer Section.....	37	25	3 3/4	40 3/4	28 1/2	15 3/4	235	...
No. 2266-F One Drawer Section.....	37	25	7 1/2	40 3/4	28 1/2	9 3/4	145	...
No. 2266-G Solid Base.....				40 3/4	28 1/2	4	40	...
No. 2266-H Low Sanitary Base, 6 in.....				40 3/4	28 1/2	5 3/4	40	...
No. 2266-J High Sanitary Base, 12 in.....				40 3/4	28 1/2	12	55	...
No. 2266-S Glass Top Unit.....				40 3/4	29 3/4	3 1/2	100	...
No. 2266-W Five Drawer Section with top attached.....	37	25	2	40 3/4	28 1/2	16 3/4	265	...
No. 2266-X Five Drawer Section with legs attached.....	37	25	2	40 3/4	28 1/2	27 3/8	310	...
No. 2267-A Top.....				46 3/4	36 3/4	5 1/2	50	...
No. 2267-B Six Drawer Section.....	43	32	2 1/4	46 3/4	35 1/2	20	390	...
No. 2267-C Five Drawer Section.....	43	32	2	46 3/4	35 1/2	15 3/4	310	...
No. 2267-D Three Drawer Section.....	43	32	2	46 3/4	35 1/2	9 3/4	220	...
No. 2267-E Three Drawer Section.....	43	32	3 3/4	46 3/4	35 1/2	15 3/4	275	...
No. 2267-F One Drawer Section.....	43	32	7 1/2	46 3/4	35 1/2	9 3/4	170	...
No. 2267-G Solid Base.....				46 3/4	35 1/2	4	50	...
No. 2267-H Low Sanitary Base, 6 in.....				46 3/4	35 1/2	5 3/4	45	...
No. 2267-J High Sanitary Base, 12 in.....				46 3/4	35 1/2	12	70	...
No. 2267-S Glass Top Unit.....				46 3/4	36 1/4	5 1/2	135	...
No. 2267-W Five Drawer section with top attached.....	43	32	2	46 3/4	35 1/2	16 3/4	360	...
No. 2267-X Five Drawer Section with legs attached, 12 in.....	43	32	2	46 3/4	35 1/2	27 3/8	440	...
Style B Drawers, two Compartments, extra, per drawer.....								...
Style C Drawers, four Compartments, extra, per drawer.....								...
Style D Drawers, six Compartments, extra, per drawer.....								...
Style E Drawers, eight Compartments, extra, per drawer.....								...
Locking Device for three, five or six Drawer Unit, extra, per unit.....								...

All Furniture Illustrated and Described Is Carried in Stock
See Price List Under Inside Back Cover

The C.F. Pease Company

PEASE WOODEN SECTIONAL FILING CASES FOR DRAWINGS, TRACINGS, BLUE PRINTS, SPECIFICATIONS, MAPS, PHOTOGRAPHS, ETC.



These Cabinets are made on the same plan as the well-known sectional bookcases, all being uniform in size and finish so that any number of sections procured at different times will fit perfectly.

Sizes. Carried in stock in two sizes. The drawers measure $32 \times 42\frac{3}{8}$ " or $25 \times 37\frac{5}{8}$ "

inside; outside dimensions of case, $34\frac{3}{8} \times 45\frac{1}{2}$ " or $27\frac{3}{8} \times 40\frac{1}{2}$ ". Special sizes made to order on short notice.

Construction and Material. Made of well seasoned and thoroughly kiln dried oak. The drawers are constructed with dovetailed joints, and slide in grooves, there being no rails between. The back of each drawer is covered for a space of six inches with a thin strip to prevent drawings from curling. Sections are held in place by means of a half-round projection on the back, which fits into the upper section, and the front rails are bolted together, preventing the rail from sagging and catching on the drawer. Top, bases and sections, excepting No. 2270-A and No. 2271-A, are same width over all, so that another stack can be built up without leaving an opening. All joints are glued, and glue blocks are used at frequent intervals to make the case firm and durable.

Finish and Trimmings. Golden Oak stain and filler. Three coats of varnish rubbed and finished in a uniform color. Oxidized drawer pulls and label holders.

All Furniture Illustrated and Described Is Carried in Stock

See Price List Under Inside Back Cover

Drafting Room Furniture

PEASE WOODEN SECTIONAL FILING CASES



Nos. 2270-A—2271-A

Nos. 2270-B—2271-B



Nos. 2270-C—2271-C

Nos. 2270-D—2271-D



Nos. 2270-E—2271-E

Nos. 2270-F—2271-F



Nos. 2270-G—2271-G

All Furniture Illustrated and Described Is Carried in Stock
See Price List Under Inside Back Cover

The C.F. Pease Company

PEASE WOODEN SECTIONAL FILING CASES

Nos. 2270-H—2271-H



Nos. 2270-J—2271-J

Nos. 2270-I—2271-I



Nos. 2270-K—2271-K

Nos. 2270-L—2271-L



Nos. 2270-M—2271-M

No. 2270-R



All Furniture Illustrated and Described is Carried in Stock
See Price List Under Inside Back Cover

PE

All units are
Drawers, unless

Hold-down W
unless ordered.

No. 2270-A Five D
attached
No. 2270-B Oak Ca
No. 2270-C Five Dr
No. 2270-D Three D
No. 2270-E One Dr
No. 2270-F Base w
No. 2270-G Plain B
No. 2270-H Low Sa
No. 2270-I Six Draw
No. 2270-J High Sa
No. 2270-K Two
20x32x3 1/2 and
No. 2270-L Three D
No. 2270-M Two Dr
13 1/2 and Three
No. 2271-A Five D
attached
No. 2271-B Oak Ca
No. 2271-C Five Dr
No. 2271-D Three D
No. 2271-E One Dr
No. 2271-F Base w
No. 2271-G Plain B
No. 2271-H Low Sa
No. 2271-I Five Dr
No. 2271-J High Sa
No. 2271-K Two
17 1/2x25x3 1/2 and
No. 2271-L Three D
No. 2271-M Two
17 1/2x25x3 1/2 and
Hold Down Wires
style "B" Drawer for
style "C" Drawer for
style "D" Drawer for
style "E" Drawer for
One lock to lock all I

All Fur

Drafting Room Furniture

PEASE WOODEN SECTIONAL FILING CASES



Style B Drawer

Style A Drawer,
Showing Hold-Down
Wires

All units are furnished with Style A Drawers, unless otherwise specified.

Hold-down Wires not furnished unless ordered.



Style C Drawer

	Inside Length Inches	Width of Draw-ers Inches	Depth of Draw-ers Inches	Outside Length Inches	Width Over All Inches	Height Over All Inches	Ship- ing Weight Pounds	Each
No. 2270-A Five Drawer Section with oak top attached.	42 $\frac{3}{8}$	32	2	45 $\frac{1}{2}$	34 $\frac{3}{8}$	15 $\frac{1}{4}$	18	\$.
No. 2270-B Oak Cap				45 $\frac{1}{2}$	35	3	60	
No. 2270-C Five Drawer Section	42 $\frac{3}{8}$	32	2	45 $\frac{1}{2}$	34 $\frac{3}{8}$	14 $\frac{1}{2}$	145	
No. 2270-D Three Drawer Section	42 $\frac{3}{8}$	32	3 $\frac{5}{8}$	45 $\frac{1}{2}$	34 $\frac{3}{8}$	14 $\frac{1}{2}$	140	
No. 2270-E One Drawer Section	42 $\frac{3}{8}$	32	7 $\frac{1}{8}$	45 $\frac{1}{2}$	34 $\frac{3}{8}$	9 $\frac{3}{8}$	72	
No. 2270-F Base with Drawer	42 $\frac{3}{8}$	32	5	45 $\frac{1}{2}$	34 $\frac{3}{8}$	9 $\frac{1}{2}$	90	
No. 2270-G Plane Base				45 $\frac{1}{2}$	34 $\frac{3}{8}$	4	40	
No. 2270-H Low Sanitary Base				45 $\frac{1}{2}$	34 $\frac{3}{8}$	5 $\frac{1}{4}$	35	
No. 2270-I Six Drawer Card Section for 4x6 or 3x5 Card				45 $\frac{1}{2}$	34 $\frac{1}{2}$	7 $\frac{7}{8}$	95	
No. 2270-J High Sanitary Base				45 $\frac{1}{2}$	34 $\frac{1}{2}$	22 $\frac{3}{4}$	65	
No. 2270-K Two Drawers with Tool Tray 20x32x3 $\frac{1}{4}$ and one Drawer 32x42 $\frac{1}{2}$ x2				45 $\frac{1}{2}$	34 $\frac{1}{2}$	9 $\frac{3}{8}$	110	
No. 2270-L Three Drawers	42 $\frac{3}{8}$	32	2	45 $\frac{1}{2}$	34 $\frac{1}{2}$	9 $\frac{3}{8}$	110	
No. 2270-M Two Drawers with Tool Tray 20x32x3 $\frac{1}{4}$ and Three Drawers 32x42 $\frac{1}{2}$ x2				45 $\frac{1}{2}$	34 $\frac{1}{2}$	14 $\frac{1}{2}$	140	
No. 2271-A Five Drawer Section with oak top attached	37 $\frac{3}{8}$	25	2	40 $\frac{1}{2}$	27 $\frac{3}{8}$	15 $\frac{1}{4}$	140	
No. 2271-B Oak Cap				40 $\frac{1}{2}$	28	3	55	
No. 2271-C Five Drawer Section	37 $\frac{3}{8}$	25	2	40 $\frac{1}{2}$	27 $\frac{3}{8}$	14 $\frac{1}{2}$	120	
No. 2271-D Three Drawer Section	37 $\frac{3}{8}$	25	3 $\frac{5}{8}$	40 $\frac{1}{2}$	27 $\frac{3}{8}$	14 $\frac{1}{2}$	120	
No. 2271-E One Drawer Section	37 $\frac{3}{8}$	25	7 $\frac{1}{8}$	40 $\frac{1}{2}$	27 $\frac{3}{8}$	9 $\frac{3}{8}$	65	
No. 2271-F Base with Drawer	37 $\frac{3}{8}$	25	5	40 $\frac{1}{2}$	27 $\frac{3}{8}$	9 $\frac{1}{2}$	68	
No. 2271-G Plain Base				40 $\frac{1}{2}$	27 $\frac{3}{8}$	4	28	
No. 2271-H Low Sanitary Base				40 $\frac{1}{2}$	27 $\frac{3}{8}$	5 $\frac{1}{4}$	30	
No. 2271-I Five Drawer Card Section for 4x6 or 3x5 Card				40 $\frac{1}{2}$	27 $\frac{3}{8}$	7 $\frac{7}{8}$	85	
No. 2271-J High Sanitary Base				40 $\frac{1}{2}$	27 $\frac{3}{8}$	22 $\frac{3}{4}$	60	
No. 2271-K Two Drawers with Tool Tray 17 $\frac{1}{2}$ x25x3 $\frac{1}{4}$ and One Drawer 37 $\frac{1}{2}$ x25x2				40 $\frac{1}{2}$	27 $\frac{3}{8}$	9 $\frac{3}{8}$	90	
No. 2271-L Three Drawers	37 $\frac{3}{8}$	25	2	40 $\frac{1}{2}$	27 $\frac{3}{8}$	9 $\frac{3}{8}$	90	
No. 2271-M Two Drawers with Tool Tray 17 $\frac{1}{2}$ x25x3 $\frac{1}{4}$ and Three Drawers 37 $\frac{1}{2}$ x25x2				40 $\frac{1}{2}$	27 $\frac{3}{8}$	14 $\frac{1}{2}$	105	
Hold Down Wires							Extra, Per Pair	
Style "B" Drawer for Wood Units (2 Compartments)							Extra, Per Drawer	
Style "C" Drawer for Wood Units (4 Compartments)							Extra, Per Drawer	
Style "D" Drawer for Wood Units (6 Compartments)							Extra, Per Drawer	
Style "E" Drawer for Wood Units (8 Compartments)							Extra, Per Drawer	
One lock to lock all Drawers in three and five Drawer Units							Extra, Per Lock	

All Furniture Illustrated and Described is Carried in Stock

See Price List Under Inside Back Cover

The C.F. Pease Company

PEASE VERTICAL PLAN FILE UNIT

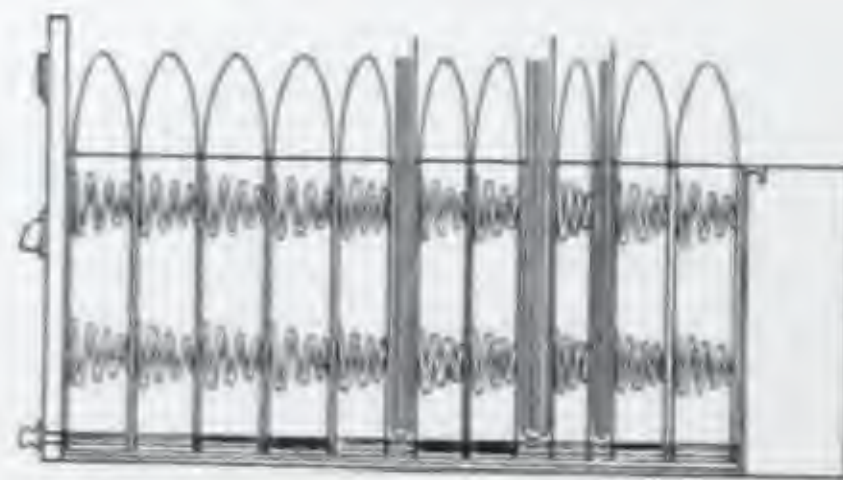
Large Size



Number 2270-R

Two separate roomy compartments in a single section that will interlock perfectly with additional sections and our regular Number 2270 wood blue print filing units. Similar in design to a vertical letter file, the left hand drawer will take prints or drawings up to $21\frac{1}{2}'' \times 16''$, while the right hand drawer will accommodate smaller sheets up to $18'' \times 16''$.

Solid Oak construction—Golden Oak finish. Shipped set up. Shipping weight 185 lbs.



Compression springs indicated here hold the contents in place and prevent curling or tearing of prints and drawings.

No. 2270-R—PLAN FILE UNIT

All Furniture Illustrated and Described Is Carried in Stock

See Price List Under Inside Back Cover

DIMENSIONS

	Width	Height	Depth
Overall	$45\frac{1}{2}''$	$19\frac{7}{8}''$	$34\frac{3}{8}''$
Left-Hand Drawer	$27\frac{7}{8}''$		28"
Right-Hand Drawer	19"		28"



THE ABOVE ILLUSTRATION SHOWS STURDY CON- STRUCTION

Drawers are made with steel bodies —will not sag or jam and slide easily on ball-bearing rollers in a steel groove. Each drawer is completely fitted with ten compression guides and a full set of folders indexed from A to Z.

Each

\$

Drafting Room Furniture

PEASE VERTICAL U-PLAN FILES

Convenient, durable cabinets for filing and protecting your large size tracings, sketches and prints. Heavy, durable, spring compressed, paperoid folders hold sheets perfectly flat and smooth without danger of crumpling or breaking down of prints. Cabinets are of solid oak construction with tight closing hinged top. Attractively paneled and finished in light golden oak.



OUTSIDE SIZE

No.	of Pkts.	Size of Folders	No. of Folders	Wide In.	High In.	Deep In.	Each
No. 2274	12	24x36	48	42 1/4	30	26 1/2	\$
No. 2275	6	24x36	24	42 1/4	30	14 1/4	...
No. 2276	12	30x42	48	48 1/4	30	26 1/2	...
No. 2277	6	30x42	24	48 1/4	30	14 1/4	...
No. 2278	12	36x48	48	54 1/4	42 1/2	20 1/2	...
No. 2279	6	36x48	24	54 1/4	42 1/2	14 1/4	...

Fig. 1—Sectional view showing strong compression springs.

Fig. 2—Showing principles of compression. Nine springs represented by nine pairs of hands on 42"x30" size and larger.

Fig. 3—Cross section showing pocket and folders in line AA held perfectly vertical by springs.

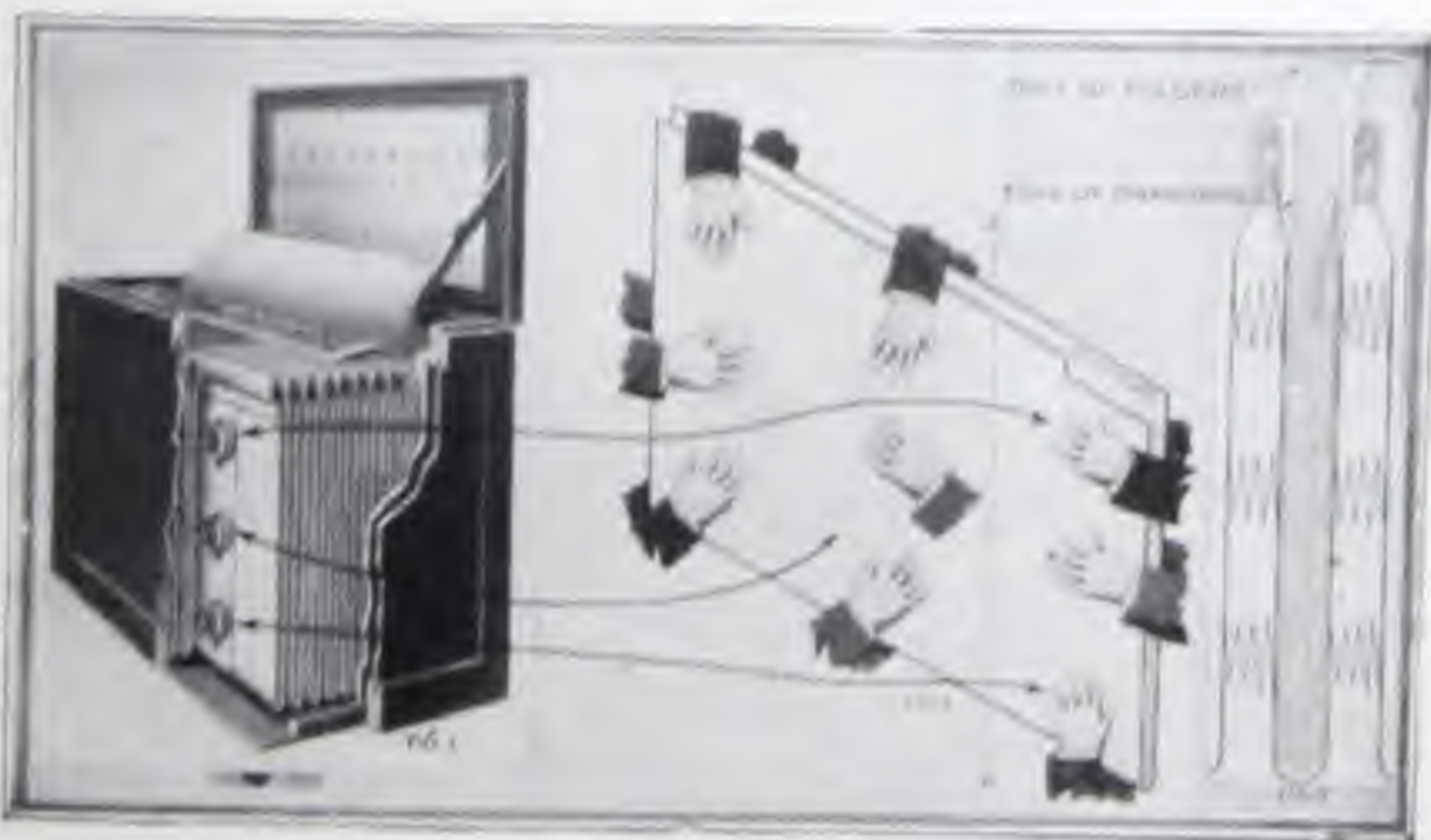


FIG. 1

FIG. 2

FIG. 3

All Furniture Illustrated and Described Is Carried in Stock
See Price List Under Inside Back Cover

PEASE DRAWING PROTECTOR AND COMPRESSOR

This is a very practical and efficient device for keeping your drawings, tracings, blue prints, etc., in a flat condition to prevent them from curling or buckling. More tracings and prints can be filed in each drawer with this type of compressor.

Pease compressors are used in connection with our regular filing sections as illustrated on pages 257 and 258.

They are made of heavy fibre board. The front flap is hinged with heavy canvas, glued and riveted to the fibre board. There is a weight on the front to keep the edge down and prevent the compressor from warping.

Figure 4 shows the entire compressor lifted up for removing or putting prints in the drawer.



Fig. 1



Fig. 2



Fig. 3



Fig. 4

No. 2270-P—DRAWING PROTECTOR, 31x41 inches for large sections.....\$

No. 2271-P—DRAWING PROTECTOR, 24x36 inches for small sections.....\$

All Furniture Illustrated and Described Is Carried in Stock
See Price List Inside Back Cover

Drafting Room Supplies

THE Pease line of drafting room supplies is very complete. In fact, it comprises "Everything for the Drafting Room."

On the following pages you will find listed, drafting material made by leading manufacturers.

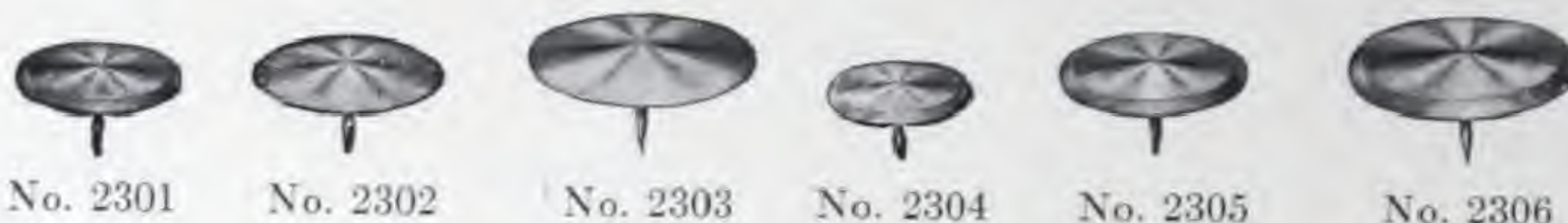
All items are carefully selected as to quality and only the numbers which have proven popular through giving absolute satisfaction, are listed.



The C.F. Pease Company

GERMAN SILVER THUMB TACKS

Best Quality—One Dozen on a Card



The pins are of hardened steel screwed in and riveted.

	Doz.	Gro.
No. 2301—GERMAN SILVER, FLAT HEADS, $\frac{3}{8}$ -in. diam.	\$	\$
No. 2302—GERMAN SILVER, FLAT HEADS, $\frac{1}{2}$ -in. diam.		
No. 2303—GERMAN SILVER, FLAT HEADS, $\frac{5}{8}$ -in. diam.		
No. 2304—GERMAN SILVER, BEVELED HEADS, $\frac{3}{8}$ -in. diam.		
No. 2305—GERMAN SILVER, BEVELED HEADS, $\frac{1}{2}$ -in. diam.		
No. 2306—GERMAN SILVER, BEVELED HEADS, $\frac{5}{8}$ -in. diam.		

BRASS AND GERMAN SILVER THUMB TACKS

Ordinary Quality—One Dozen on a Card

The pins are riveted, preventing them from coming through the head.

	Doz.	Gro.
No. 2314—BRASS, FLAT HEADS, $\frac{3}{8}$ -in. diam.		\$
No. 2315—BRASS, FLAT HEADS, $\frac{1}{2}$ -in. diam.		
No. 2316—BRASS, FLAT HEADS, $\frac{5}{8}$ -in. diam.		

“NEEDLE-POINT” STEEL STAMPED THUMB TACKS

These tacks are stamped out of one piece of tempered steel and have needle tapered points. An excellent substitute for more expensive tacks.



No. 2321 No. 2323 No. 2325

Packed 50 (loose) in Cardboard Box

	Per Box of 50	Per 1000 in Boxes
No. 2321—NEEDLE POINT, Steel Stamped, $\frac{5}{16}$ -in. diam.	\$	\$
No. 2323—NEEDLE POINT, Steel Stamped, $\frac{3}{8}$ -in. diam.		
No. 2324—NEEDLE POINT, Steel Stamped, $\frac{7}{16}$ -in. diam.		
No. 2325—NEEDLE POINT, Steel Stamped, $\frac{1}{2}$ -in. diam.		

Packed One Dozen on a Card

	Doz.	Gro.
No. 2321-C—NEEDLE POINT, Steel Stamped, $\frac{5}{16}$ -in. diam.	\$	\$
No. 2323-C—NEEDLE POINT, Steel Stamped, $\frac{3}{8}$ -in. diam.		
No. 2324-C—NEEDLE POINT, Steel Stamped, $\frac{7}{16}$ -in. diam.		
No. 2325-C—NEEDLE POINT, Steel Stamped, $\frac{1}{2}$ -in. diam.		

Drafting and Engineering Supplies

"SOLIDHED" STEEL THUMB TACKS



No. 2326



No. 2327



No. 2328



Trademark

Packed 100 (loose) in Round Wooden Box

The "SOLIDHED" Thumb Tacks are very strong and durable. They are popularly priced and are a very serviceable article.

No. 2326—ROUND HEAD, $\frac{3}{8}$ -in. diam.	Box of 100	\$
No. 2327—ROUND HEAD, $\frac{7}{16}$ -in. diam.	Box of 100	\$
No. 2328—ROUND HEAD, $\frac{1}{2}$ -in. diam.	Box of 100	\$

"ONE-PIECE" CUT-OUT STEEL THUMB TACKS

Nickel plated. Low price and serviceable.

No. 2329—"ONE-PIECE" Cut-Out, $\frac{5}{16}$ -in. diam.	Box of 100	\$
No. 2330—"ONE-PIECE" Cut-Out, $\frac{3}{8}$ -in. diam.	Box of 100	\$
No. 2331—"ONE-PIECE" Cut-Out, $\frac{7}{16}$ -in. diam.	Box of 100	\$
No. 2332—"ONE-PIECE" Cut-Out, $\frac{1}{2}$ -in. diam.	Box of 100	\$
No. 2333—"ONE-PIECE" Cut-Out, $\frac{9}{16}$ -in. diam.	Box of 100	\$

"TWISTOUT" STEEL THUMB TACKS



No. 2334

"TWISTOUT" Thumb Tacks are very easily removed from drawing board by inserting finger nail into slots and then twisting to either left or right. All surfaces are smooth, therefore allowing T-square, triangle, etc., to ride over tack freely. Very durable. Most serviceable tack on the market.

Packed Four on Cork Block

	Doz.	Gro.
No. 2334—"TWISTOUT" Nickel Plated Steel Thumb Tack, $\frac{1}{2}$ -in. diam.	\$	\$

Packed (loose) in Box

	Doz.	Gro.
No. 2335—"TWISTOUT" Nickel Plated Steel Thumb Tack, $\frac{1}{2}$ -in. diam.	\$	\$

The C.F. Pease Company

HORN CENTERS



No. 2340

No. 2342

Each

No. 2340—HORN CENTERS, plain, $\frac{1}{2}$ -in. diam. \$

No. 2342—HORN CENTERS, nickel silver edge, $\frac{3}{4}$ -in. diam. \$

TACK LIFTER AND PAPER KNIFE



No. 2344

This TACK LIFTER AND PAPER KNIFE is made of metal, nickel plated. It is a very handy tool for inserting or extracting thumb tacks. The handle can be used as a paper cutter.

Each

No. 2344—TACK LIFTER AND PAPER KNIFE, nickel plated. \$

PENCIL FILE AND TACK LIFTER

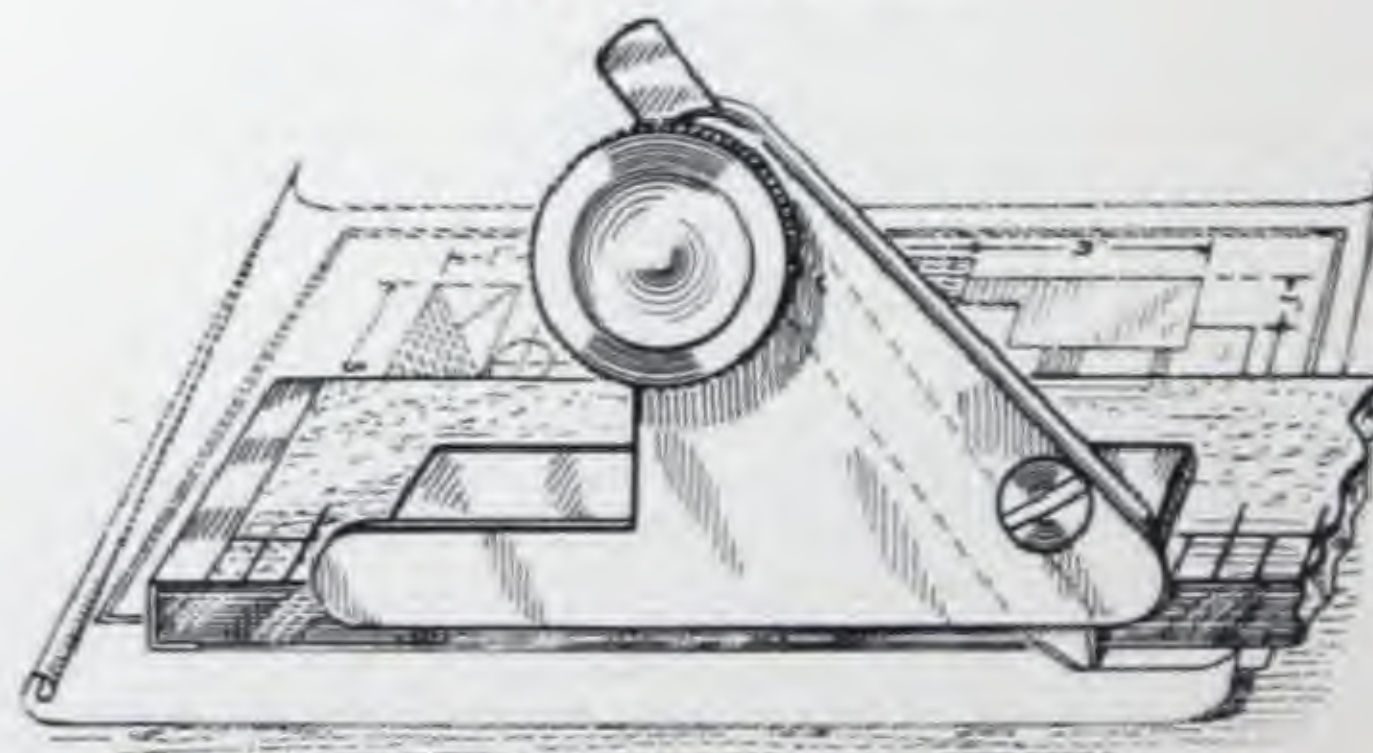


No. 2346

Each

No. 2346—STEEL PENCIL FILE AND TACK LIFTER, $6\frac{1}{2}$ -in. \$

PAPER CUTTER



No. 2348

This instrument is used for cutting drawings from the board and also for cutting any kind of paper or bristol board. It slides along the T-square without injuring the edge, and the blade of the cutter can be adjusted so that it will cut only the thickness of the paper without striking the surface of the drawing board itself. The knife is very easily removed from the instrument for sharpening purposes.

Each

No. 2348—PAPER CUTTER, nickel plated. \$

Drafting and Engineering Supplies

HIGGINS' DRAWING INKS



No. 2361

	$\frac{3}{4}$ oz. Each	8 oz. Each	16 oz. Each	32 oz. Each
No. 2360—HIGGINS' GENERAL BLACK INK	\$	\$	\$	\$
No. 2361—HIGGINS' WATER- PROOF BLACK INK
No. 2362—HIGGINS' WATER- PROOF COLORED INK
Blue		Carmine		Orange
Brick Red		Green		Scarlet
Brown		Indigo		Vermilion
Violet		Yellow		White
	2 oz. Each	8 oz. Each	16 oz. Each	32 oz. Each
No. 2365—HIGGINS' ETERNAL INK	\$	\$	\$	\$

EMPTY INK BOTTLES AND STOPPERS WITH QUILLS

	Doz.
No. 2366—EMPTY INK BOTTLES, $\frac{3}{4}$ oz.	\$
No. 2367—STOPPERS WITH QUILLS
No. 2368—EMPTY INK BOTTLES, $\frac{3}{4}$ oz. with stoppers and quills

The C.F. Pease Company

INK BOTTLE HOLDERS



No. 2370

No. 2370—INK BOTTLE HOLDER AND PAPER WEIGHT, Each
 $3\frac{7}{8}$ in. diameter, weight 12 oz. \$

PEERLESS BOTTLE HOLDER



No. 2372

Made to hold one to three bottles of drawing ink. The bottles are readily inserted in the base, in which they are held by spring collars, felt washers being supplied to fit over neck of bottle to absorb any shocks.

The bases and collars are stamped out of steel and are indestructible. This holder is practical and ornamental and is nicely japanned. All bases supplied with three collars.

No. 2372—PEERLESS BOTTLE HOLDER Each
 \$

Drafting and Engineering Supplies

PEASE "KANT-TIP" BOTTLE HOLDER



Made in two styles, for use on top of board and to swing under board.

Holds two bottles of Higgins' Ink, which can readily be placed securely in the holder.

Made of pressed steel, nicely japanned.

- | | |
|--|------|
| No. 2374—"KANT-TIP" BOTTLE HOLDER. To swing under board..... | Each |
| No. 2376—"KANT-TIP" BOTTLE HOLDER. For top of board..... | |

The C.F. Pease Company

DRAWING INK STAND



No. 2378

Each

No. 2378—DRAWING INK STAND, to hold five $\frac{3}{4}$ oz. bottles of drawing ink (without bottles).....\$.....

THE PEASE-WELL AND PEN FILLER



No. 2380

This device is made to hold a small bottle of Drawing Ink, and has a lever arm which can be operated from any angle by a slight pressure of the little finger on the ring. This raises the filler from the bottle; the pen is thus readily filled from the metal dipper, the whole operation being easily performed with one hand. The rubber disc in the cover fits closely over the mouth of the bottle to prevent evaporation.

Handsomely enameled and strongly constructed. Try one. Weight when packed for parcel post delivery, 3 pounds.

Each

No. 2380—PEASE-WELL AND PEN FILLER.....\$.....

Drafting and Engineering Supplies

W. & N. WATER COLOR LIQUIDS AND MEDIUMS



No. 2381



No. 2391



No. 2392

	Each	Doz.
No. 2381—WINSOR & NEWTON Chinese White.	\$ 1.10	\$ 13.20
No. 2382—WINSOR & NEWTON Indian Ink.	\$ 1.10	\$ 13.20
No. 2383—WINSOR & NEWTON Blue.	\$ 1.10	\$ 13.20
No. 2384—WINSOR & NEWTON Carmine.	\$ 1.10	\$ 13.20
No. 2385—WINSOR & NEWTON Vermilion.	\$ 1.10	\$ 13.20
No. 2386—WINSOR & NEWTON Oxgall.	\$ 1.10	\$ 13.20
No. 2387—WINSOR & NEWTON Gold Ink.	\$ 1.10	\$ 13.20
No. 2388—WINSOR & NEWTON Indelible Brown Ink.	\$ 1.10	\$ 13.20
No. 2389—WINSOR & NEWTON Prout's Brown.	\$ 1.10	\$ 13.20
No. 2390—WINSOR & NEWTON Sepia.	\$ 1.10	\$ 13.20
No. 2391—WINSOR & NEWTON Process Black, an opaque dead black.	\$ 1.10	\$ 13.20
No. 2392—WINSOR & NEWTON Albanine, a pure photographic white.	\$ 1.10	\$ 13.20

SEMPLE'S WHITE



No. 2393

JOHNSTON SNOW WHITE



No. 2394

	Each	Doz.
No. 2393—SEMPLE'S WHITE, in jar, moist water color.	\$ 1.10	\$ 13.20
No. 2394—JOHNSTON SNOW WHITE, in jar, for pen and brush.	\$ 1.10	\$ 13.20

The C.F. Pease Company

HIGGINS' ADHESIVES



No. 2401



No. 2404

Each

- | | | |
|-----------|---|---------|
| No. 2400— | HIGGINS' DRAWING BOARD AND LIBRARY PASTE, 5-oz. jar..... | \$..... |
| No. 2401— | HIGGINS' DRAWING BOARD AND LIBRARY PASTE, 8-oz. jar..... | |
| No. 2402— | HIGGINS' DRAWING BOARD AND LIBRARY PASTE, 14-oz. jar..... | |
| No. 2403— | HIGGINS' PHOTO MOUNTER, 5-oz. jar..... | |
| No. 2404— | HIGGINS' PHOTO MOUNTER, 8-oz. jar..... | |
| No. 2405— | HIGGINS' PHOTO MOUNTER, 14-oz. jar..... | |



No. 2407



No. 2409

Each

- | | | |
|-----------|--|---------|
| No. 2406— | HIGGINS' VEGETABLE GLUE, 8-oz. can..... | \$..... |
| No. 2407— | HIGGINS' VEGETABLE GLUE, 16-oz. can..... | |
| No. 2408— | HIGGINS' OFFICE PASTE, 5-oz. bottle..... | |
| No. 2409— | HIGGINS' OFFICE PASTE, 8-oz. bottle..... | |

Drafting and Engineering Supplies

WINSOR & NEWTON MOIST WATER COLORS



Whole Pan
No. 2451-A



Half Pan
No. 2451-B



Whole Tube
No. 2451-C

Antwerp Blue	Flake White	Orange Chrome
Bistre	Gamboge	Payne's Grey
Blue Black	Hooker's Green No. 1	Permanent Blue
Brown Ochre	Hooker's Green No. 2	Prussian Blue
Brown Pink	Indian Red	Prussian Green
Burnt Sienna	Italian Pink	Raw Sienna
Burnt Umber	Ivory Black	Raw Umber
Charcoal Grey	King's Yellow	Roman Ochre
Chinese White	Lamp Black	Sap Green
Chrome Lemon	Light Red	Terre Verte
Chrome Yellow	Mauve	Vandyke Brown
Cologne Earth	Naples Yellow	Venetian Red
Deep Chrome	Neutral Tint	Yellow Lake
Dragon's Blood	New Blue	Yellow Ochre
Emerald Green	Olive Green	

	Each	Doz.
No. 2451-A—WHOLE PANS	\$	\$
No. 2451-B—HALF PANS	\$	\$
No. 2451-C—WHOLE TUBES	\$	\$

Alizarin Carmine	†Orange Madder (Alizarin)
Alizarin Crimson	Permanent Brown
†Alizarin Green	Permanent Crimson
†Alizarin Orange	Purple Lake
Alizarin Scarlet	†Purple Madder (Alizarin)
†Alizarin Yellow	Roman Sepia
Brown Madder	†Rose Madder (Alizarin)
Carmine Lake	Ruben's Madder
Crimson Lake	Ruby Madder (Alizarin)
Cyanine Blue	Scarlet Lake
Indigo	Scarlet Madder (Alizarin)
Madder Carmine (Alizarin)	Sepia
Mars Yellow	Vermilion
Mineral Grey	Warm Sepia
Neutral Orange	

	Each	Doz.
No. 2452-A—WHOLE PANS	\$	\$
No. 2452-B—HALF PANS	\$	\$
No. 2452-C—WHOLE TUBES	\$	\$

Colors marked thus † not obtainable in Tubes
When ordering, specify catalog series number and color desired

The C.F. Pease Company

WINSOR & NEWTON MOIST WATER COLORS

Azure Cobalt
 Cadmium Orange
 Cadmium Yellow (Deep)
 Cadmium Yellow (Extra Pale)
 Cadmium Yellow (Pale)
 Cadmium Yellow
 Cerulean Blue
 Cobalt Blue
 Cobalt Green
 Cobalt Violet
 Emerald Oxide of Chromium
 French Blue
 French Ultramarine
 Indian Purple
 Indian Yellow No. 2
 ‡Intense Blue
 Lemon Yellow

Mars Orange
 Mineral Violet
 Orange Vermilion
 Orient Yellow
 Oxide of Chromium, Yellow
 Oxide of Chromium, Transparent
 ‡Permanent Mauve
 ‡Permanent Violet
 Permanent Yellow
 ‡Pure Scarlet
 Scarlet Vermilion
 Spectrum Red
 ‡Spectrum Violet
 Spectrum Yellow
 Ultramarine Ash-Grey
 Veronese Green
 Viridian

	Each	Doz.
No. 2453-A—WHOLE PANS	\$	\$
No. 2453-B—HALF PANS	\$	\$
No. 2453-C—WHOLE TUBES	\$	\$

Aureolin
 Aurora Yellow
 Burnt Carmine
 Carmine
 Cobalt Yellow
 Field's Orange Vermilion
 Gallstone
 Madder Carmine
 Madder Lake
 New Olive Green

Pink Madder
 Primrose Aureolin
 Purple Madder
 Rose Doree
 Rose Madder
 Rose Madder (Pink Shade)
 Scarlet Madder
 Violet Carmine
 Yellow Carmine

	Each	Doz.
No. 2454-A—WHOLE PANS	\$	\$
No. 2454-B—HALF PANS	\$	\$
No. 2454-C—WHOLE TUBES	\$	\$

Ultramarine Ash-Blue { Comes in these two colors only.
 Smalt

	Each	Doz.
No. 2455-A—WHOLE PANS	\$	\$
No. 2455-B—HALF PANS	\$	\$
No. 2455-C—WHOLE TUBES	\$	\$

Colors marked thus ‡ not obtainable in Tubes

When ordering, specify catalog series number and color desired

Drafting and Engineering Supplies

BOURGEOIS' FRENCH WATER COLORS IN OCTAGON GLASS JARS



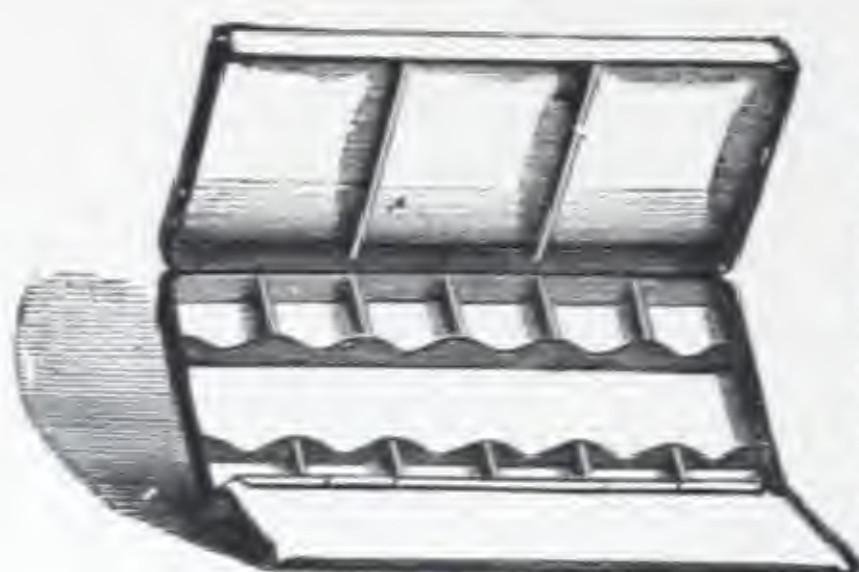
These jars contain more than double the quantity of whole pans of other manufacturers at nearly the same price. Made in moist state.

No. 2461—Brown Ochre Burnt Sienna Burnt Umber Chinese White Indian Red Each	Ivory Black Lamp Black Light Red Prussian Blue Raw Sienna	Raw Umber Vandyke Brown Venetian Red Yellow Lake Yellow Ochre
No. 2462—Antwerp Blue Brilliant Yellow Brown Madder Brown Pink Chrome Green, Light Chrome Green, Medium Chrome Green, Dark Chrome Yellow, Lemon Chrome Yellow, Light Chrome Yellow, Medium Chrome Yellow, Deep Chrome Yellow, Orange Crimson Lake, Light Crimson Lake, Deep Emerald Green Emeraude Green Each	Gamboge Indigo Italian Pink Naples Yellow Neutral Tint Olive Green Payne's Grey Rose Carthame Sap, Green Sepia Ultramarine Blue, Light Ultramarine Blue, Deep Violet, Light Violet, Dark Warm Sepia	\$1.25
No. 2463—Cypress Green, Light Cypress Green, Dark Geranium Rose Each	Hooker's Green Indian Yellow	Prussian Green Scarlet Lake
No. 2464—Cadmium Yellow Lemon Cadmium Yellow, Light Cadmium Yellow, Medium Cadmium Yellow, Deep Cadmium Yellow, Orange Carmine, No. 2 Each	Cerulean Blue Cobalt Blue Rose Madder Scarlet Vermilion Vermilion, Light Vermilion, Deep	\$1.00
No. 2465—Aureolin Burnt Carmine Each	Carmine Indian Yellow	Madder Carmine

When ordering, specify catalog series number and color desired

The C.F. Pease Company

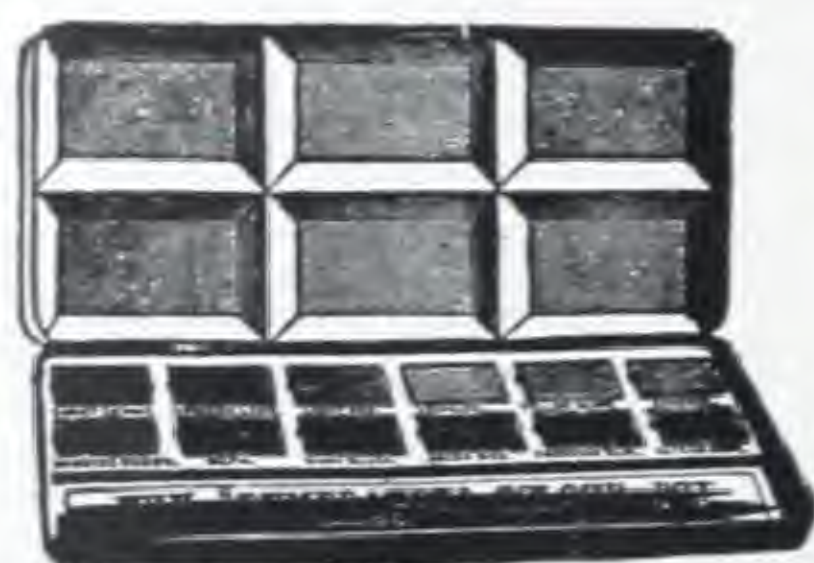
EMPTY JAPANNED TIN WATER COLOR BOXES



No. 2475

	Each
No. 2475—For 6 Whole or 12 Half Pans	\$
No. 2476—For 8 Whole or 16 Half Pans	\$
No. 2477—For 10 Whole or 20 Half Pans	\$
No. 2478—For 12 Whole or 24 Half Pans	\$
No. 2479—For 16 Whole or 32 Half Pans	\$
No. 2480—For 18 Whole or 36 Half Pans	\$
No. 2481—For 24 Whole or 48 Half Pans	\$

FILLED WATER COLOR BOXES



No. 2482
The "Rembrandt"

	Each	Doz.
No. 2482—"REMBRANDT" Water Color Box, japanned tin, 6 1/4 x 2 1/4 inches, 12 moist colors in pans, 2 brushes	\$	\$

	Each	Doz.
No. 2483—"MURILLO" Water Color Box, small japanned tin, 6 1/2 x 3 1/4 inches, 12 moist colors in pans, one tube each Chinese White and Sepia, 2 brushes	\$	\$



No. 2484
The "Murillo"

	Each	Doz.
No. 2484—"MURILLO" Water Color Box, large japanned tin, 7 1/2 x 3 1/4 inches, with inside lid, 16 moist colors in pans, one tube each Chinese White and Sepia, 2 brushes	\$	\$

Drafting and Engineering Supplies

CAMEL HAIR WATER COLOR BRUSHES



No. 2500—SUPER CAMEL HAIR WATER COLOR BRUSHES, nickel plated ferrules.

	Nos.	1	2	3	4	5	6
Each		\$	\$	\$	\$	\$	\$
Dozen							
	Nos.	7	8	9	10	11	12
Each		\$	\$	\$	\$	\$	\$
Dozen							



No. 2502—CAMEL HAIR WATER COLOR WASH BRUSHES, double end, round or flat.

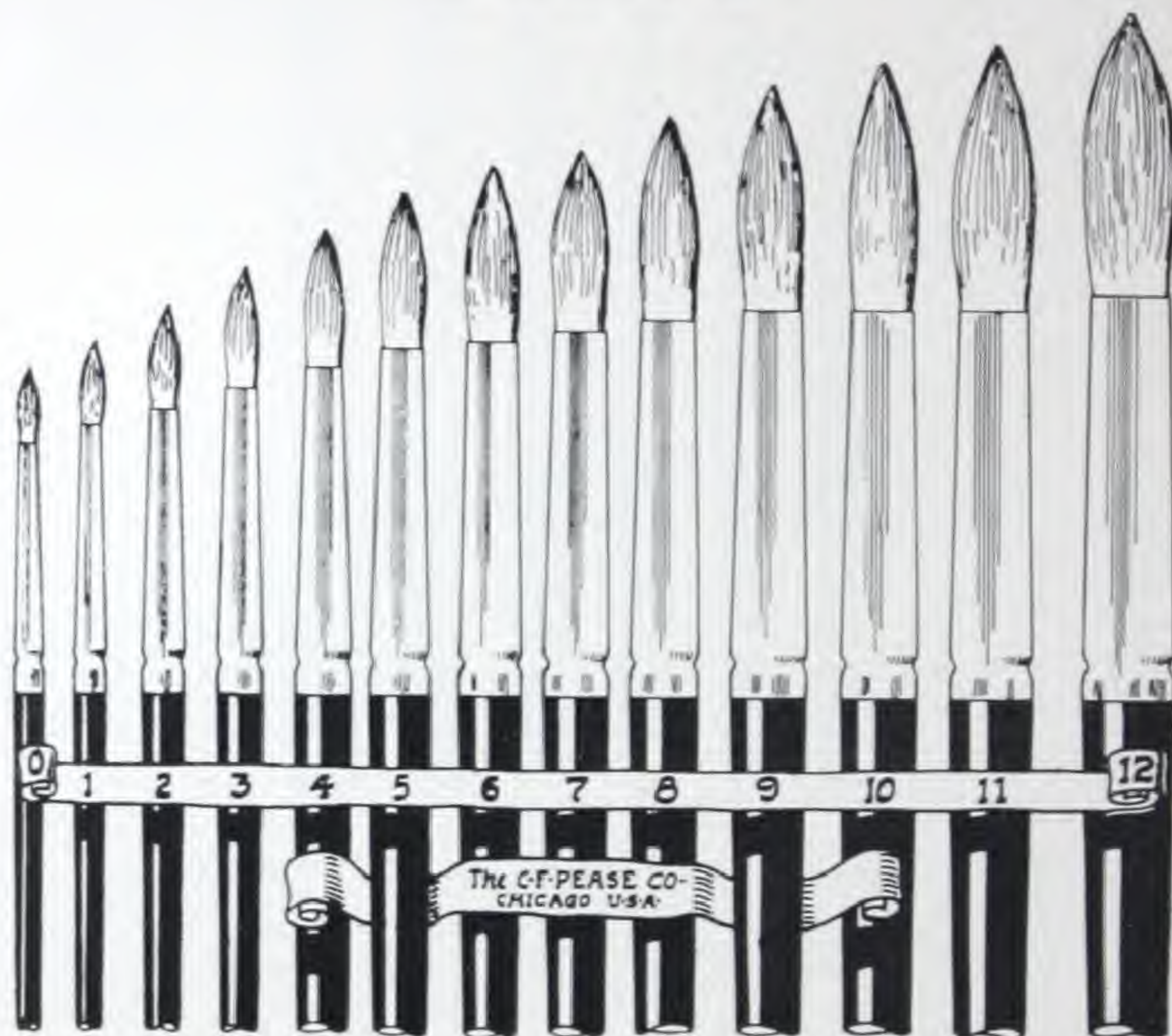
	Nos.	0	1	2	3
Each		\$	\$	\$	\$
Dozen					

The C.F. Pease Company

RED SABLE WATER COLOR BRUSHES

Superfine Quality, Round, in Albata Ferrules

Illustrations Full Size



No. 2506

No. 2506—RED SABLE WATER COLOR BRUSHES, in Albata black polished handles.

	Nos.	0	1	2	3	4	5	6
Each		\$	\$	\$	\$	\$	\$	\$
Dozen								

	Nos.	7	8	9	10	11	12
Each		\$	\$	\$	\$	\$	\$
Dozen							



高永有藏

No. 2507

Number
Indian inks
fits air-tight.

No. 2512—S



No. 251



No. 2507



No. 2508

CHINESE OR INDIA INK IN STICKS

Each

No. 2507—LION HEAD, oval fine quality, 40 to lb., \$

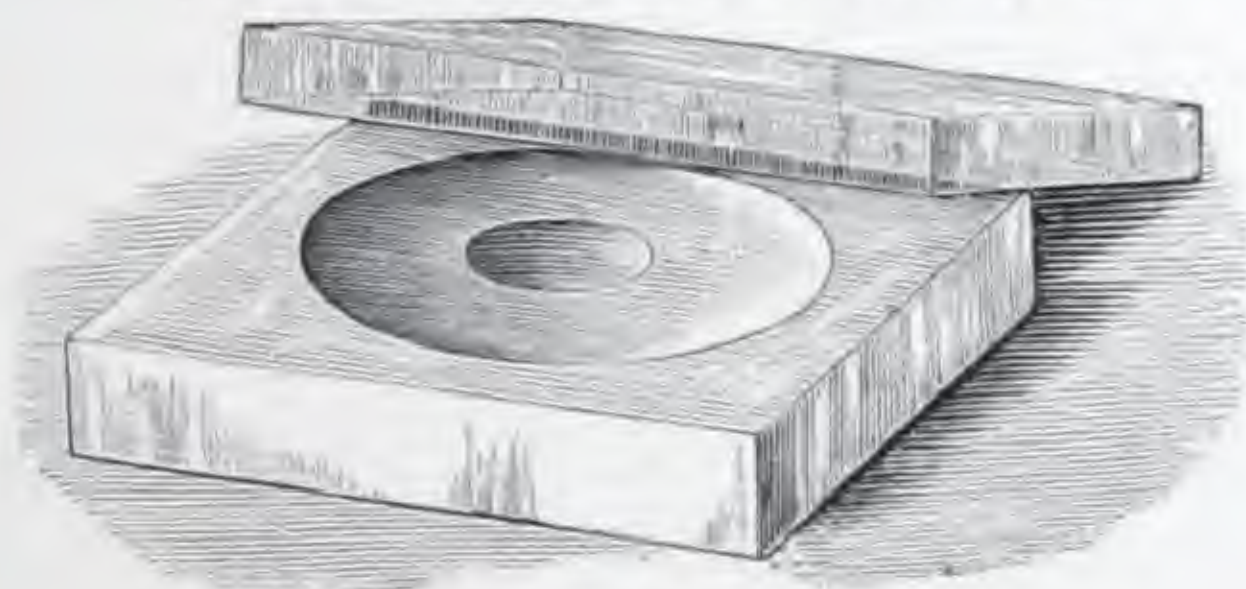
No. 2508—LION HEAD, small round, gilt, 64 to lb.,

No. 2510—GENUINE SUPER, super, small, $2\frac{7}{8} \times \frac{1}{2} \times \frac{1}{2}$ inches

No. 2511—LARGE FIGURED, $3\frac{1}{2} \times \frac{7}{8} \times \frac{3}{8}$ inches

We highly recommend our improved Slate Ink Slab, No. 2512 and China Ink Slab, No. 2522, for rubbing Chinese or Indian inks uniformly and quickly.

SLATE INK SLAB For Rubbing Stick India Ink



No. 2512

Number 2512 Slate Ink Slab is highly recommended for rubbing Chinese or Indian inks uniformly and quickly. Edges are ground and the heavy plate glass cover fits air-tight.

Each

No. 2512—SLATE INK SLAB, $3\frac{1}{2}$ in. square, with glass cover \$



No. 2514

CABINET NEST SAUCERS

Each

No. 2514—CABINET NEST SAUCERS, 6 in set, $2\frac{3}{8}$ in. . . \$. . .

No. 2515—CABINET NEST SAUCERS, 6 in set, $2\frac{5}{8}$ in.

No. 2516—CABINET NEST SAUCERS, 6 in set, $3\frac{1}{4}$ in.

A "Nest of 6" consists of 5 saucers and cover.

The C.F. Pease Company

CENTER COLOR SLANT



No. 2520

Each

No. 2520—CHINA CENTER COLOR SLANT, 5 divisions, $2\frac{3}{8} \times 6$ in. \$

INK AND COLOR SLAB



No. 2522

ARTISTS' WATER GLASS



No. 2526

Each

No. 2522—COLOR SLAB, 3 wells and 3 slopes, $2\frac{1}{2} \times 4$ in. \$

No. 2524—COLOR SLAB, 5 wells and 5 slopes, $4 \times 7\frac{1}{2}$ in. \$

No. 2526—ARTISTS' WATER GLASS, $2\frac{3}{8}$ in. diameter. \$

No. 2528—ARTISTS' WATER GLASS, $3\frac{1}{4}$ in. diameter. \$

COLOR SLANTS



No. 2530

Each

No. 2530—COLOR SLANTS, 5 divisions, $3\frac{1}{8} \times 7\frac{3}{4}$ in. \$

No. 2532—COLOR SLANTS, 6 divisions, $3\frac{1}{8} \times 7\frac{3}{4}$ in. \$

No. 2534—COLOR SLANTS, 8 divisions, $6 \times 7\frac{5}{8}$ in. \$

Drafting and Engineering Supplies

ARKANSAS OIL STONES



No. 2568

Each

- No. 2560—ARKANSAS OIL STONE, wedge shape slip \$
 No. 2562—ARKANSAS OIL STONE, wedge about $1\frac{1}{4} \times 3$ in.
 No. 2564—ARKANSAS OIL STONE, wedge about $1\frac{1}{4} \times 4\frac{5}{8}$ in.
 No. 2566—ARKANSAS OIL STONE, in case, with cover, 3 in.
 No. 2568—ARKANSAS OIL STONE, in case, with cover, 5 in.

ATOMIZERS



No. 2570

Each

- No. 2570—ATOMIZER, japanned tin, folding \$

FIXATIF

Each

- No. 2572—FIXATIF, for charcoal drawings, 2-oz. bottle \$
 No. 2574—FIXATIF, for charcoal drawings, 8-oz. bottle
 No. 2576—FIXATIF, for charcoal drawings, 16-oz. bottle

CHARCOAL



No. 2582

No. 2584

Per Box

- No. 2580—CONTE ORDINARY, 50 sticks in box, 6 in. long \$
 No. 2582—CONTE VENETIAN, box of 50 sticks
 No. 2584—ROUGET, 25 sticks in box, No. 1, 2 or 3, soft, medium or hard

The C.F. Pease Company

DRAWING PENCILS



No. 2600

No. 2600—"KOH-I-NOOR" Drawing Pencils, hexagon, yellow polish, graded as follows: 6B, 5B, 4B, 3B, BB, B, F, HB, H, HH, 3H, 4H, 5H, 6H, 7H, 8H, 9H. Each Dozen Gross



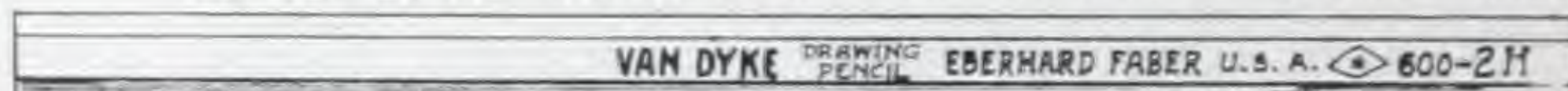
No. 2610

No. 2610—A. W. FABER "CASTELL" Drawing Pencils, hexagon, green polish, graded as follows: 6B, 5B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H, 7H, 8H. Each Dozen Gross



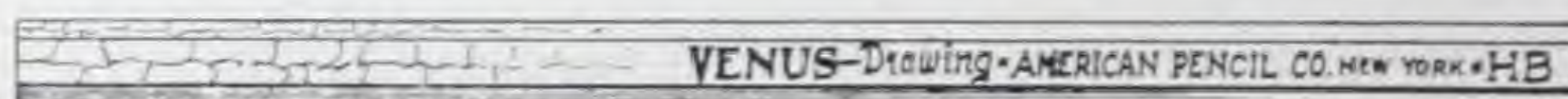
No. 2620

No. 2620—DIXON'S "ELDORADO" Drawing Pencils, hexagon, yellow polish, graded as follows: 6B, 5B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H. Each Dozen Gross



No. 2630

No. 2630—E. FABER "VAN DYKE" Drawing Pencils, hexagon, yellow polish, graded as follows: 6B, 5B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H, 7H. Each Dozen Gross



No. 2640

No. 2640—AMERICAN PENCIL CO.'S "VENUS" Drawing Pencils, hexagon, dark green polish, graded as follows: 6B, 5B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H. Each Dozen Gross

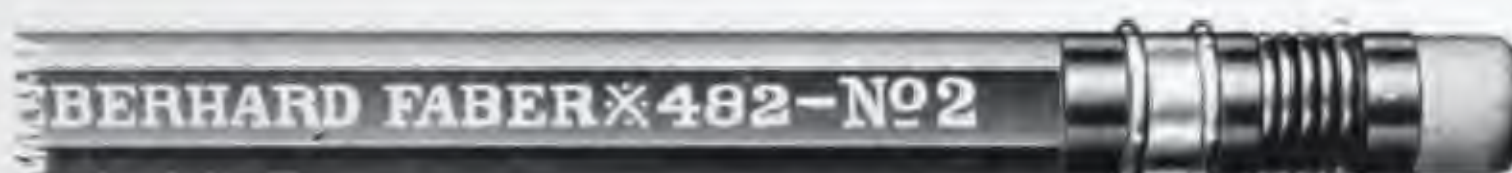
Drafting and Engineering Supplies

DRAWING PENCILS



No. 2650

	Each	Dozen	Gross
No. 2650—E. FABER'S "MONGOL" Pencils, hexagon, yellow polish, graded as follows: 2B, B, F, H, 2H, 3H, 4H, 5H, 6H	\$.....	\$.....	\$.....



No. 2660

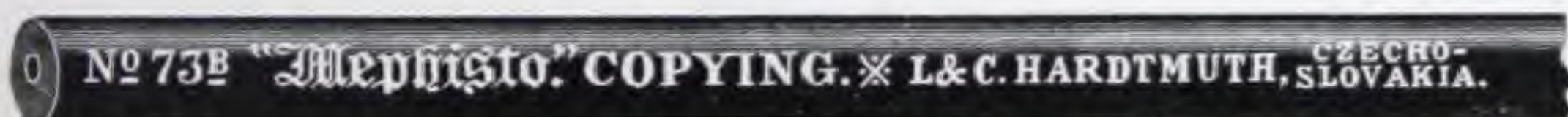
	Each	Dozen	Gross
No. 2660—E. FABER'S "MONGOL" Pencils, hexagon, yellow polish, with rubber tip, graded as follows: Nos. 1, 2, 3 and 4	\$.....	\$.....	\$.....



No. 2670

	Each	Dozen	Gross
No. 2670—E. FABER'S "STAR" Pencils, hexagon, natural polish, graded as follows: Nos. 1, 2, 3 and 4	\$.....	\$.....	\$.....

L & C HARDTMUTH'S COPYING PENCILS



No. 2680

	Each	Dozen	Gross
No. 2680—"MEPHISTO" COPYING Pencils, No. 73B, round rosewood polish, violet ink lead	\$.....	\$.....	\$.....

No. 2690—"MEPHISTO" COPYING Pencils, No. 73B, hard, round, heliotrope polish, violet ink lead
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No. 2700—"MEPHISTO" COPYING Pencils, No. 77, round, rosewood polish, violet ink lead, red polished bevel tip
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The C.F. Pease Company

KOH-I-NOOR ARTISTS' PENCILS



No. 2702

Each

No. 2702—"KOH-I-NOOR" Artists' Ever-Pointed Pencils, hexagon, yellow polish, gilt metal points and white celluloid ends, graded as follows: 6B, 5B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H. \$



No. 2704

Each

No. 2704—"KOH-I-NOOR" Artists' Pencils, hexagon, yellow polish, gilt metal points, one end HB, the other 6H. \$

KOH-I-NOOR ARTISTS' LEADS

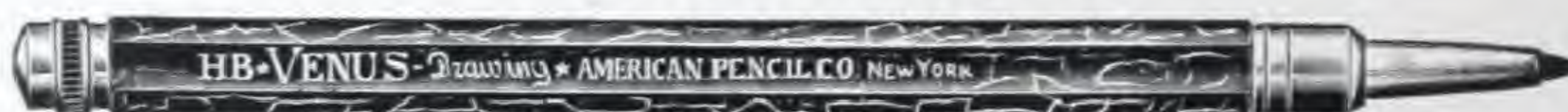


No. 2706

Per Box

No. 2706—"KOH-I-NOOR" Artists' Re-fill Leads, 6 in a box, graded as follows: 6B, 5B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H. \$

VENUS ARTISTS' PENCILS



No. 2708

Each

No. 2708—AMERICAN PENCIL CO.'S "VENUS" Artists' Pencils, hexagon, dark green polish, graded as follows: 5B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H. \$

VENUS ARTISTS' LEADS



No. 2710

Per Box

No. 2710—AMERICAN PENCIL CO.'S "VENUS" Artists' Re-fill Leads 6 in box, graded as follows: 5B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H. \$

Drafting and Engineering Supplies

PEASE AUTOMATIC EVER-POINTED PENCILS



No. 2712

- No. 2712—PEASE AUTOMATIC EVER-POINTED PENCIL (thin-lead) Each \$
 No. 2713—Re-fill graphite leads from 2B to 2H grade, for Pease Automatic Pencil.
 Per tube of 18
 No. 2714—Re-fill red leads for Pease Automatic Pencil. Per tube of 12
 No. 2715—Re-fill blue leads for Pease Automatic Pencil. Per tube of 12
 No. 2716—Re-fill green leads for Pease Automatic Pencil. Per tube of 12
 No. 2717—Re-fill yellow leads for Pease Automatic Pencil. Per tube of 12

A. W. FABER'S "CASTELL" POLYCHROMO PENCILS

No. 2718—"CASTELL" Polychromo Pencils.

1 White	22 Sky Blue	43 Burnt Yellow
2 Zinc Yellow	23 Cobalt Blue	Ochre
3 Lemon Cadmium	24 Ultramarine	44 Brown Ochre
4 Light Chrome	25 Paris Blue	45 Brown Sienna
5 Light Cadmium	26 Prussian Blue	46 Venetian Red
6 Dark Cadmium	27 Indigo	47 Brick Red
7 Naples Yellow	28 Delft Blue	48 Terra Cotta
8 Dark Chrome	29 Red Violet Lake	49 Indian Red
9 Orange	30 Blue Violet Lake	50 Burnt Carmine
10 Terre Verte	31 Pink Madder Lake	51 Raw Umber
11 Olive Green	32 Madder Carmine	52 Bistre
12 Mineral Green	33 Rose Pink	53 Van Dyke Brown
13 French Green	34 Carmine Lake	54 Burnt Umber
14 Green Bice	35 Carmine Extrafine	55 Sepia
15 Sap Green	36 Scarlet Lake	56 Warm Sepia
16 Hooker's Green No. 1	37 Saturn Red	57 Light Grey
17 Hooker's Green No. 2	38 Pale Vermilion	58 Neutral Tint
18 Viridian	39 Dark Vermilion	59 Payne's Grey
19 Vegetable Green	40 Light Ochre	60 Ivory Black
20 Prussian Green	41 Raw Sienna	
21 Light Blue	42 Gold Ochre	

Dozen \$

Gross

VAN DYKE THIN LEAD CHECKING PENCILS IN BOXES

	$\frac{1}{2}$ Doz.	Doz.	Gross
No. 2719A—HEXAGON WOOD CHECKING PENCIL, thin lead, erases easily—red	\$	\$	\$
No. 2719B—HEXAGON WOOD CHECKING PENCIL, blue			
No. 2719C—HEXAGON WOOD CHECKING PENCIL, yellow			
No. 2719D—HEXAGON WOOD CHECKING PENCIL, green			



The C.F. Pease Company

DIXON'S COLORED WAX CRAYONS



No. 2721

No. 2721—DIXON'S COLORED WAX CRAYONS.

A high grade Wax Crayon Pencil, the colors being especially brilliant. Colors will not rub off nor smear and washes can be applied over them without affecting the colors.

1 Light Blue	5 Pink	9 Yellow	13 Terra Cotta
2 Medium Blue	6 Medium Red	10 Orange	14 Brown
3 Indigo	7 Lake Red	11 Olive Green	15 Sepia
4 Violet	8 Carmine	12 Medium Green	16 White
Dozen.....			\$.....
Gross.....			

DIXON'S LUMBER CRAYONS



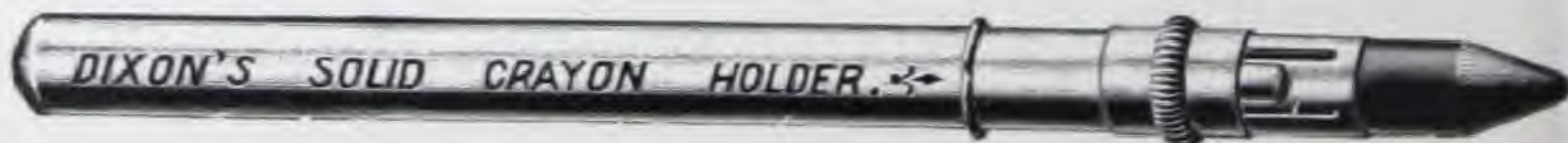
No. 2722

	Each	Dozen	Gross
No. 2722—DIXON'S LUMBER CRAYON, red, hexagon.....	\$.....	\$.....	\$.....
No. 2724—DIXON'S LUMBER CRAYON, blue, hexagon.....			
No. 2726—DIXON'S LUMBER CRAYON, yellow, hexagon.....			
No. 2728—DIXON'S LUMBER CRAYON, black, hexagon, extra soft.....			



No. 2729-C

	Dozen	Gross
No. 2729-A—DIXON'S BEST SOLID CRAYONS, black, round, 7 in.....	\$.....	\$.....
No. 2729-B—DIXON'S BEST SOLID CRAYONS, red, round, 7 in.....		
No. 2729-C—DIXON'S BEST SOLID CRAYONS, blue, round, 7 in.....		
No. 2729-D—DIXON'S BEST SOLID CRAYONS, yellow, round, 7 in.....		
No. 2729-E—DIXON'S BEST SOLID CRAYONS, green, round, 7 in.....		



No. 2729 1/2

	Each	Dozen	Gross
No. 2729 1/2—DIXON'S SOLID CRAYON HOLDER, nickel-plated, 6 1/2 in., for Crayons Nos. 2729-A to 2729-E.....	\$.....	\$.....	\$.....

Drafting and Engineering Supplies

KEEL

No. 2730—RED CHALK, or Keel, chunks, for marking stakes. Per Lb. \$

BLAISDELL'S PAPER PENCILS



No. 2735

	Each	Dozen	Gross
No. 2735—BLAISDELL'S PAPER PENCIL, blue	\$	\$	\$
No. 2736—BLAISDELL'S PAPER PENCIL, red	\$	\$	\$
No. 2737—BLAISDELL'S PAPER PENCIL, black	\$	\$	\$
No. 2738—BLAISDELL'S PAPER PENCIL, yellow	\$	\$	\$
No. 2739—BLAISDELL'S PAPER PENCIL, green	\$	\$	\$

PENCIL HOLDERS



No. 2740

	Each	Dozen
No. 2740—PENCIL LENGTHENER, hexagon, single.	\$	\$



No. 2742

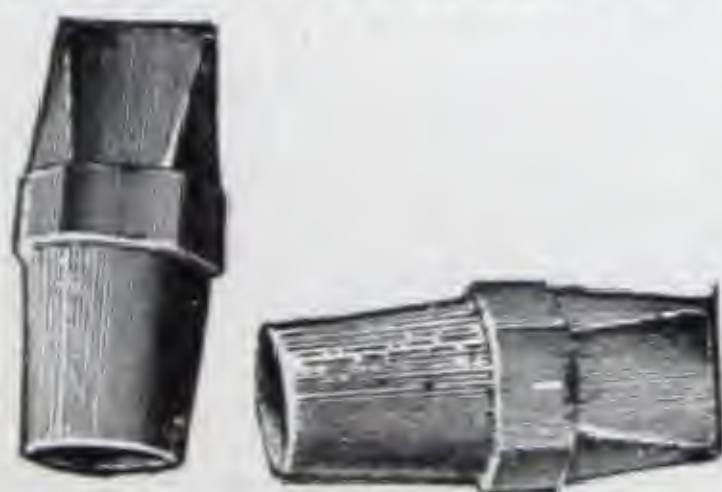
	Each	Dozen
No. 2742—PENCIL POINT PROTECTOR, round, with rubber tip. \$	\$	\$



No. 2744

	Each	Dozen
No. 2744—PENCIL POINT PROTECTOR, with rubber tip.	\$	\$

RUBBER PENCIL TIPS



No. 2746

	Dozen	Gross
No. 2746—RUBBER PENCIL TIPS, wedge-shaped, red.	\$	\$

The C.F. Pease Company

PENCIL POINTERS



No. 2770



No. 2772

Each

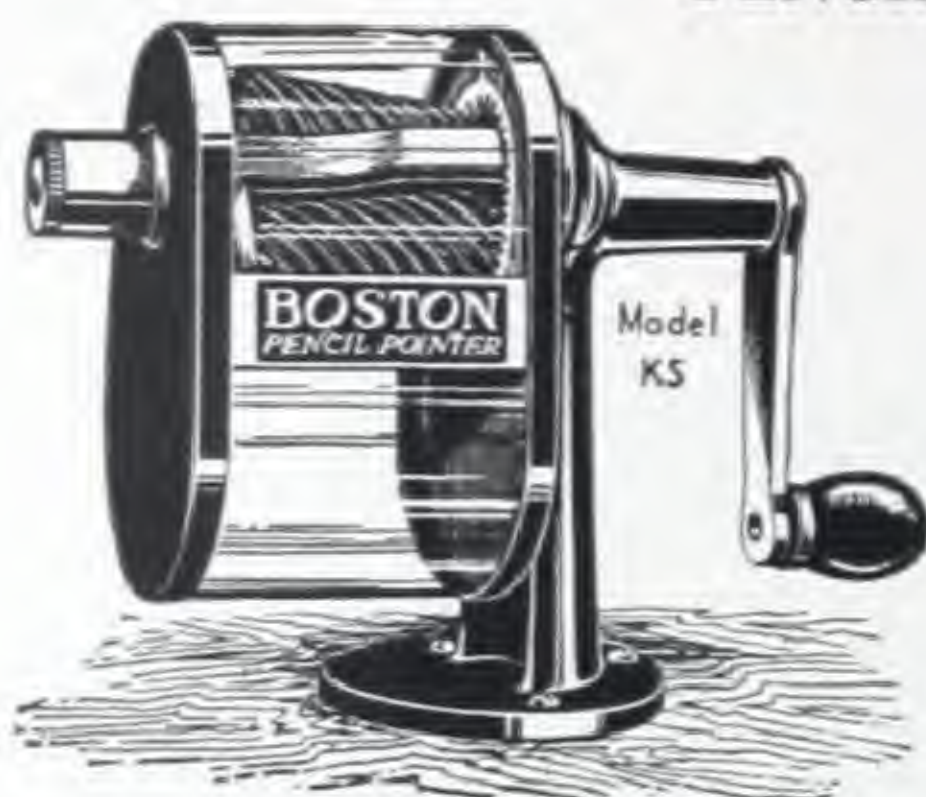
Dozen

No. 2770—SAND PAPER PENCIL POINTER, $1\frac{1}{4} \times 4$ in. \$ \$

No. 2772—SAND PAPER PENCIL POINTER, $1\frac{1}{4} \times 6$ in., with handle \$ \$

No. 2774—EMERY PAPER PENCIL POINTER, $1\frac{1}{4} \times 6$ in., with handle \$ \$

PENCIL SHARPENERS



No. 2776



No. 2778

Each

No. 2776 —BOSTON PENCIL SHARPENER. \$ \$

No. 2776B—EXTRA TWIN MILLING CUTTERS for No. 2776. \$ \$

No. 2778 —POCKET STYLE PENCIL SHARPENER. \$ \$

ERASING SHIELDS



No. 2780

No. 2780—SPRING STEEL ERASING SHIELD, oil rubbed finish, Each Dozen
not polished, $2\frac{3}{8} \times 3\frac{3}{4}$ in., 14 openings. \$ \$

No. 2782—SPRING STEEL ERASING SHIELD, highest quality,
nickel silver velvet finish, $2\frac{3}{8} \times 3\frac{3}{4}$ in., 14 openings. \$ \$

No. 2784—TRANSPARENT CELLULOID ERASING SHIELD,
 $2\frac{3}{8} \times 3\frac{3}{4}$ in., 14 openings. \$ \$

Drafting and Engineering Supplies

PENCIL ERASERS



No. 2790

	Each	Dozen	Gross
No. 2790—PEASE'S RED ERASERS, beveled both ends, small	\$....	\$....	\$....
No. 2791—PEASE'S RED ERASERS, beveled both ends, large.
No. 2795—PEASE'S GREEN ERASERS, beveled both ends, small
No. 2796—PEASE'S GREEN ERASERS, beveled both ends, large.



No. 2801

	Each	Dozen	Gross
No. 2800—E. FABER'S RUBY ERASERS, No. 112, beveled both ends, small	\$....	\$....	\$....
No. 2801—E. FABER'S RUBY ERASERS, No. 212, beveled both ends, large.



No. 2810

	Each	Dozen	Gross
No. 2810—E. FABER'S EMERALD ERASERS, No. 111, beveled both ends, small	\$....	\$....	\$....
No. 2811—E. FABER'S EMERALD ERASERS, No. 211, beveled both ends, large.



No. 2813

	Each	Dozen	Gross
No. 2812—E. FABER'S PINK PEARL ERASERS, No. 100, beveled both ends, small	\$....	\$....	\$....
No. 2813—E. FABER'S PINK PEARL ERASERS, No. 101, beveled both ends, large.

The C.F. Pease Company

PENCIL AND CLEANING ERASERS



No. 2821



No. 2826

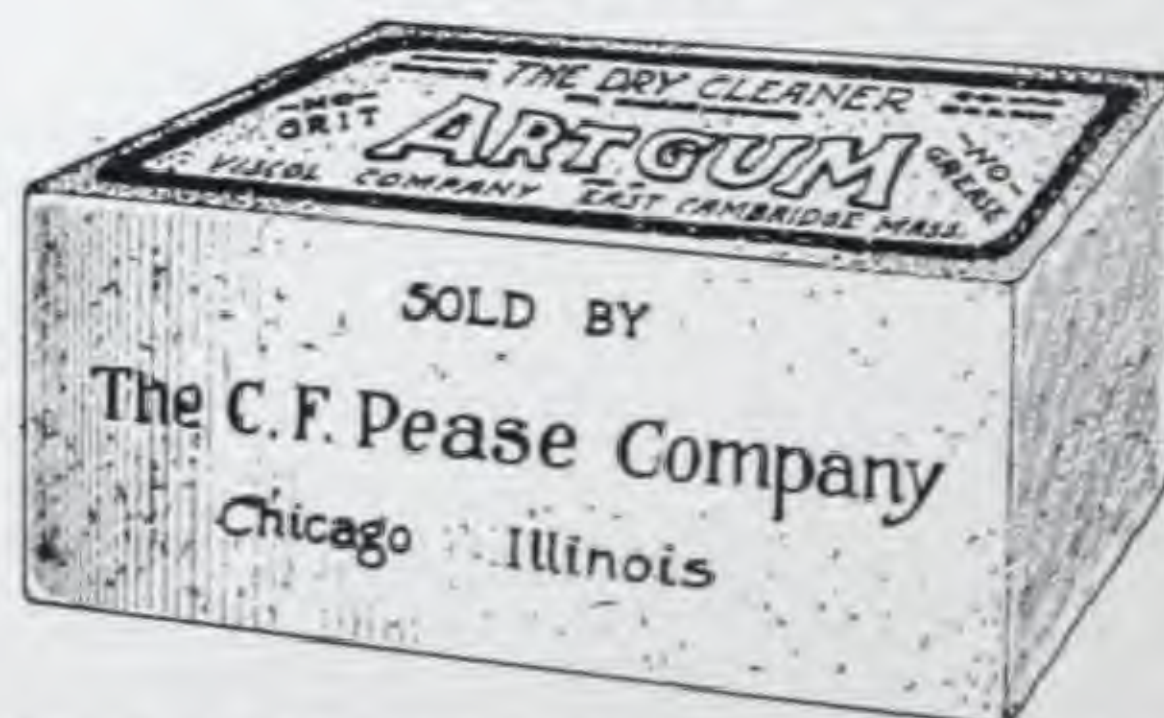
No. 2821—PEERLESS PLIABLE RUBBER, soft and flat, grey.			
	Pieces to the lb.	40	20
Each.....	\$.....	\$.....	\$.....
Per lb.....			
No. 2824—E. FABER'S KNEADED RUBBER ERASERS,			
No. 1222, small.....		Each	Dozen
		\$.....	\$.....
No. 2826—E. FABER'S KNEADED RUBBER ERASERS,			
No. 1224, large.....			

PENCIL AND CLEANING ERASERS SPONGE RUBBER

For Cleaning Drawings

No. 2835—SPONGE RUBBER.							
	Size, inches	1x1x1	1x2x1	1½x2x1	2x3x1	3x4x1	4x6x1
Each.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....	Each
No. 2837—SPONGE RUBBER, with solid rubber back.							
	Size, 1¼x2⅜x⅝ in.....						\$.....

ARTGUM



For cleaning drawings, engravings, paintings, books and papers. Is soft, will not scratch surface and is entirely free from grit.		
	Each	Dozen
No. 2839—ARTGUM, 1x1x1 inches.....	\$.....	\$.....
No. 2840—ARTGUM, 1½x1½x1 inches.....		
No. 2842—ARTGUM, 2x1x1 inches.....		
No. 2844—ARTGUM, 2¼x1½x1½ inches.....		
No. 2846—ARTGUM, 3x2x1 inches.....		
No. 2848—ARTGUM, 3x3x2 inches.....		

Drafting and Engineering Supplies

RUBBER INK ERASERS



No. 2849

	Each	Dozen	Gross
No. 2849—E. FABER'S No. 110 Ink and Pencil Eraser.	\$.....	\$.....	\$.....



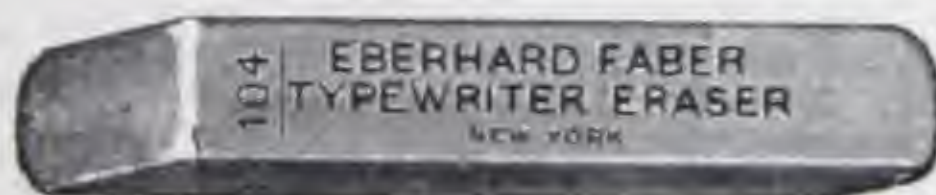
No. 2851

	Each	Dozen	Gross
No. 2850—E. FABER'S VAN DYKE Soft Ink Eraser, double beveled, medium size.	\$.....	\$.....	\$.....
No. 2851—E. FABER'S VAN DYKE Soft Ink Eraser, double beveled, large size.



No. 2852

	Each	Dozen	Gross
No. 2852—E. FABER'S BANNER INK ERASER. Medium.	\$.....	\$.....	\$.....



No. 2853



No. 2854

	Each	Dozen	Gross
No. 2853—E. FABER'S TYPEWRITER INK ERASER. Small.	\$.....	\$.....	\$.....
Large.
No. 2854—E. FABER'S No. 1080 Circular Typewriter Ink Eraser.

MOTOR DRIVEN ERASER



The complete outfit consists of a motor for either direct or alternating current, flexible shaft, three circular and three cleaning erasers. The circular eraser is securely fastened in place by a wing nut to allow for renewals.

A cleaning rubber is arranged to touch the rotating circular eraser very gently and remove the ink which would otherwise collect. The flexible shaft is about three feet long, permitting a large tracing to be covered. The convenience and saving effected by the use of this eraser would warrant the expenditure of several times its cost.

	Each
No. 2855—MOTOR DRIVEN ERASER, 110 Volts D. C.	\$.....
No. 2856—MOTOR DRIVEN ERASER, 220 Volts D. C.	\$.....
No. 2857—MOTOR DRIVEN ERASER, 110 Volts, A. C.	\$.....
No. 2858—MOTOR DRIVEN ERASER, 220 Volts, A. C.	\$.....

RUBBER ERASERS FOR MOTOR DRIVEN ERASING MACHINE

	Dozen	Each
No. 2859—RED CIRCULAR CLEANING ERASER	\$.....	\$.....
No. 2860—GREEN CIRCULAR CLEANING ERASER	\$.....	\$.....
No. 2861—CIRCULAR INK ERASER	\$.....	\$.....
No. 2862—OBLONG INK ERASER	\$.....	\$.....

STEEL ERASERS



No. 2864

	Each
No. 2864—STEEL ERASER, cocoa handle, Domestic	\$.....
No. 2866—STEEL ERASER, cocoa handle, Imported	\$.....



No. 2867

	Each
No. 2867—STEEL ERASER, cocoa handle, Domestic	\$.....
No. 2868—STEEL ERASER, cocoa handle, Imported	\$.....

Drafting and Engineering Supplies

STEEL LETTERING AND DRAWING PENS



	Dozen	Gross
No. 2870—170 GILLOTT'S MAPPING PENS, loose.....	\$.....	\$.....
No. 2871—290 GILLOTT'S LITHOGRAPHIC PENS, loose.....
No. 2872—290 GILLOTT'S LITHOGRAPHIC PENS, dozen on card with holder.....
No. 2873—291 GILLOTT'S MAPPING PENS, dozen on card with holder.....
No. 2874—291 GILLOTT'S MAPPING PENS, loose, in gross boxes.....
No. 2875—303 GILLOTT'S MAPPING PENS, loose in gross boxes.....
No. 2876—404 GILLOTT'S MAPPING PENS, loose, in gross boxes.....



(About $\frac{5}{8}$ Actual Size.)

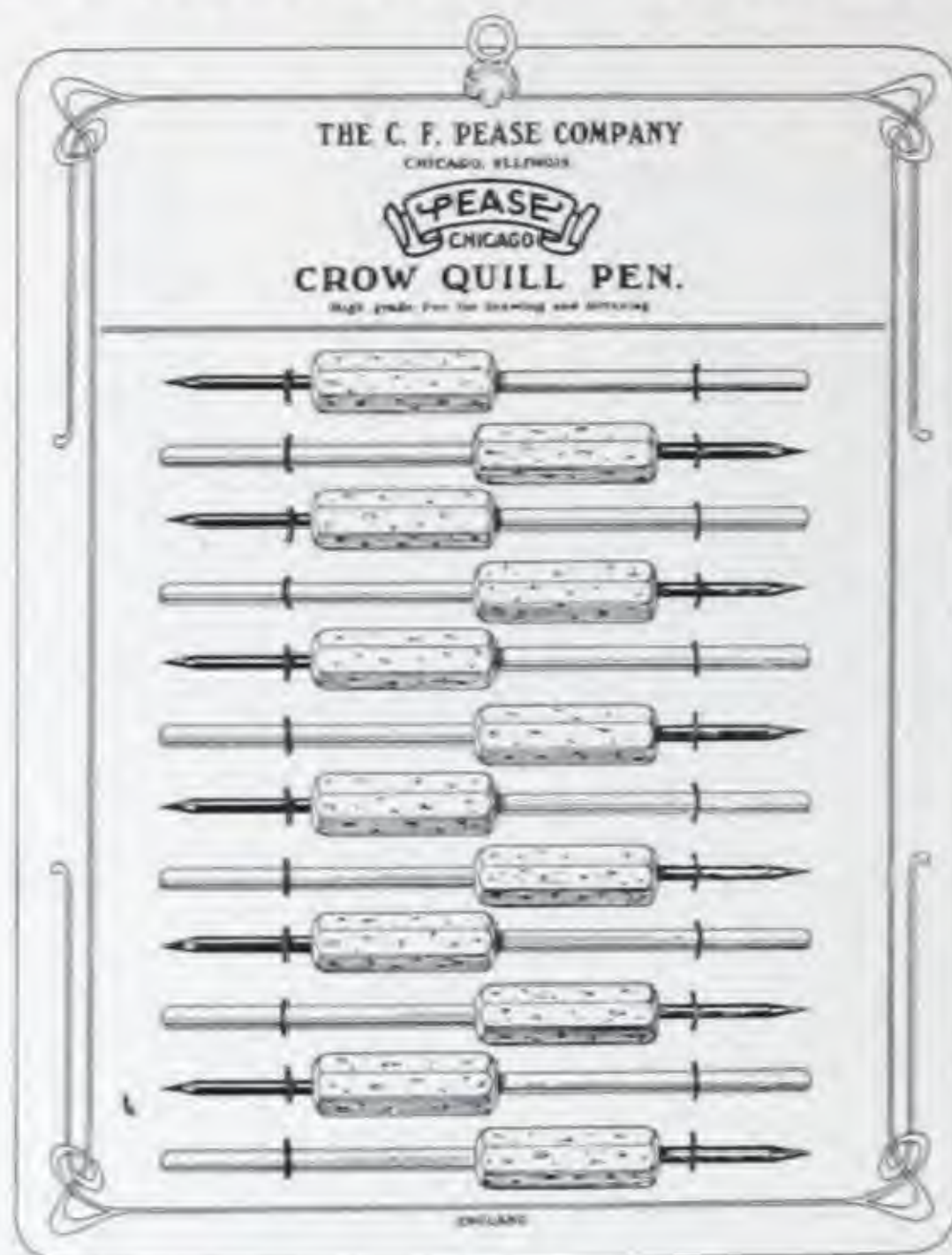
No. 2877

	Dozen	Gross
No. 2877—659 GILLOTT'S CROW QUILL PENS, dozen on card with holder.....	\$.....	\$.....
No. 2878—659 GILLOTT'S CROW QUILL PENS, loose.....
No. 2879—850 GILLOTT'S CROW QUILL PENS, long shoulder dozen on a card, with holder.....
No. 2880—1000 GILLOTT'S DRAWING PENS, superfine, dozen on card, with holder.....

See page 292 for Pen Holders

The C.F. Pease Company

STEEL LETTERING AND DRAWING PENS

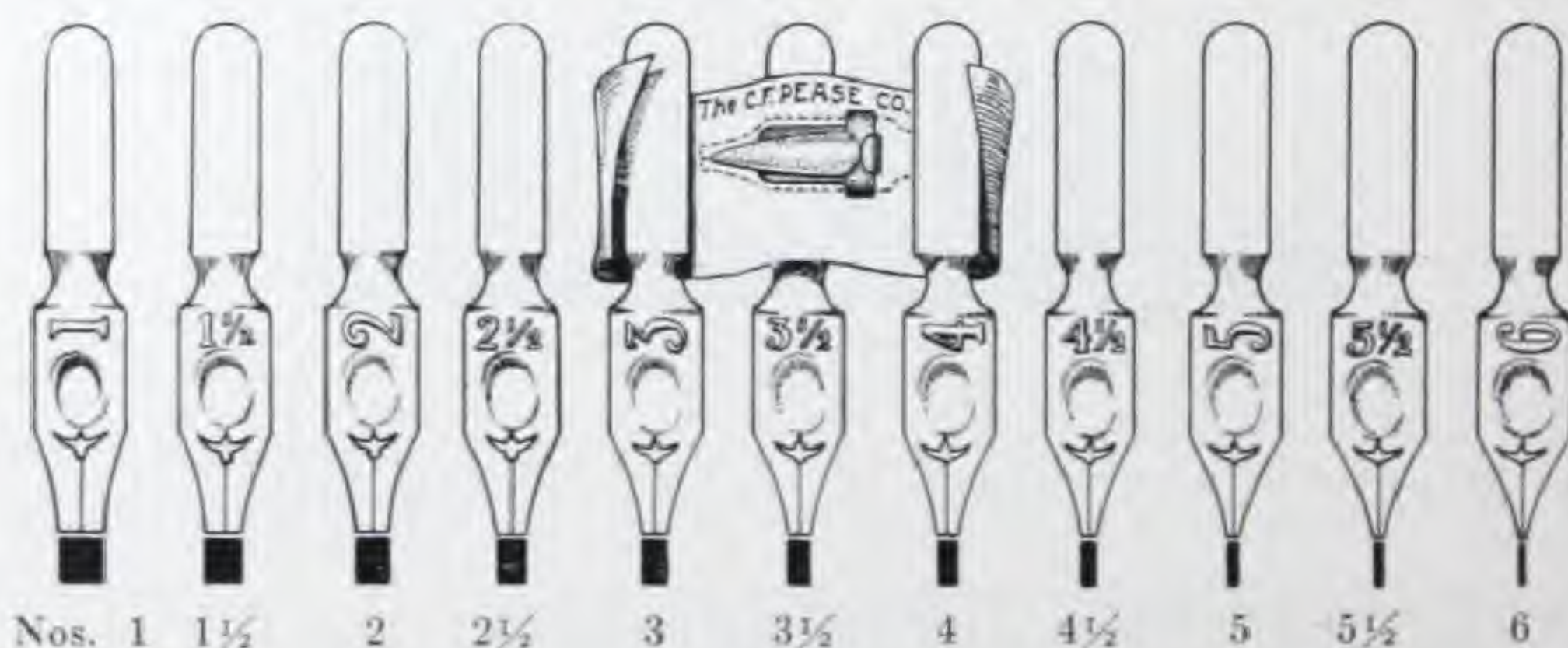


No. 2882

No. 2882—PEASE CROW QUILL PENS, with improved holder for each pen, having cork finger piece, dozen on card

Per Card	Per Doz. Cards
\$	\$

ROUND WRITING PENS



Nos. 1 1 1/2 2 2 1/2 3 3 1/2 4 4 1/2 5 5 1/2 6

	Dozen	1/4 Gross
No. 2883—ROUND WRITING PENS, any one number	\$	\$
No. 2884—ROUND WRITING PENS, 11 on card, assorted, with holder	\$	\$

See Page 292 for Pen Holders

Drafting and Engineering Supplies

STEEL LETTERING AND DRAWING PENS



- No. 2885—DOUBLE POINTED PENS, 6 different numbers, 12 on card, with penholder. \$
 No. 2886—SINGLE AND DOUBLE POINTED PENS, 25 in box, assorted.

LEONHARDT'S BALL POINTED PENS



No. 2887-A



No. 2889-A



No. 2888



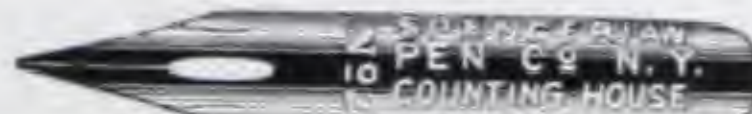
No. 2890

	Dozen	Gross
No. 2887 —LEONHARDT'S BALL POINTED PENS, 506 F.	\$	\$
No. 2887-A—LEONHARDT'S BALL POINTED PENS, 506 E. F.
No. 2888 —LEONHARDT'S BALL POINTED PENS, 510 E. F.
No. 2889 —LEONHARDT'S BALL POINTED PENS, 516 F.
No. 2889-A—LEONHARDT'S BALL POINTED PENS, 516 E. F.
No. 2890 —LEONHARDT'S BALL POINTED PENS, 521 E. F.

SPENCERIAN PENS



No. 2891



No. 2892

	Dozen	Gross
No. 2891—Type No. 1 SPENCERIAN COLLEGE PENS	\$	\$
No. 2892—Type No. 2 SPENCERIAN COUNTING HOUSE PENS

The C.F. Pease Company

HUNT'S BOWL POINTED PENS



No. 2893



No. 2894

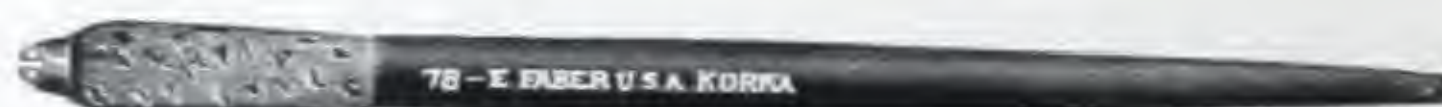
	Dozen	Gross
No. 2893—Type No. 512 HUNT'S BOWL POINTED PENS, extra fine.....	\$.....	\$.....
No. 2894—Type No. 513 HUNT'S BOWL POINTED PENS, fine.....	\$.....	\$.....

PEN HOLDERS



No. 2896

	Each	Dozen
No. 2895—CROW QUILL Pen Holder, for Nos. 2878 and 2879 pens.....	\$.....	\$.....
No. 2896—CROW QUILL Pen Holder, improved, of the thickness of an ordinary pen holder.....	\$.....	\$.....



No. 2897

	Each	Dozen
No. 2897—E. FABER'S "KORKA" Pen Holder, cork tip, taper handle, assorted polishes.....	\$.....	\$.....



No. 2898

	Each	Dozen
No. 2898—E. FABER'S "STAFF" Pen Holder, medium size, 7 inches long, rosewood polish.....	\$.....	\$.....



No. 2900



No. 2899

	Each	Dozen
No. 2899—PEN HOLDER for round writing pens.....	\$.....	\$.....
No. 2900—INK HOLDER for single or double pointed pens.....	\$.....	\$.....

Drafting and Engineering Supplies

PAPER FASTENERS



No. 2902

No. 2904

No. 2902—PAPER FASTENERS, ROUND HEADS.

Number.....	1	2	3	4	5	6
Length, inches.....	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Box of 100.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....

No. 2904—PAPER FASTENERS, FLAT HEADS.

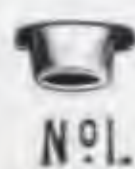
Number.....	1	2	3	4	5	6
Length, inches.....	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Box of 100.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....

No. 2906—WASHERS, brass, Nos. 1 and 2, per 100.....	\$.....
Per 1000.....	.....

EYELET PUNCHES AND EYELETS



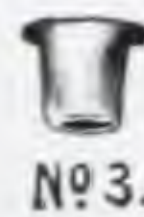
No. 2907



No. 1.



No. 2.



No. 3.

No. 2908

Each

No. 2907—TRIUMPH EYELET PUNCH.....	\$.....
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No. 2908—EYELETS, 250 in box, for No. 2907.

Number.....	1	2	3
Length.....	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$
Dozen Boxes.....	\$.....	\$.....	\$.....

The C.F. Pease Company

PAPER CLIPS



No. 2910



No. 2912

No. 2910—NIAGARA CLIP, 100 in box.....\$.....

No. 2912—GEM CLIP, 100 in box.....\$.....

PURE RUBBER BANDS

Very Best Quality



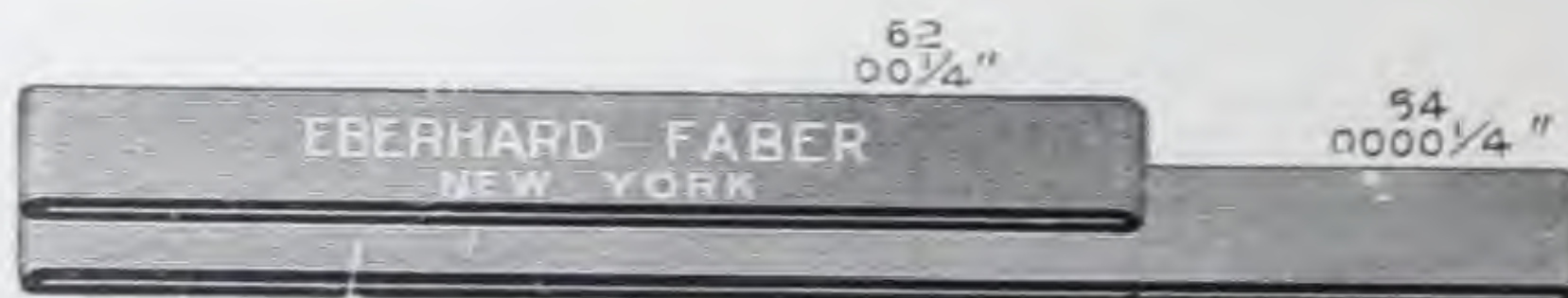
No. 2920

No. 2920—Width, $\frac{1}{16}$ in.; length $\frac{7}{8}$, $1\frac{1}{4}$, $1\frac{5}{8}$, 2, $2\frac{1}{2}$, 3. Box of $\frac{1}{4}$ lb.....\$.....



No. 2922

No. 2922—Width, $\frac{1}{8}$ in.; length, 2, $2\frac{1}{2}$, 3, $3\frac{1}{2}$ in. Box of $\frac{1}{4}$ lb.....\$.....



No. 2924

No. 2924—Width, $\frac{1}{4}$ in.; length, $2\frac{1}{2}$, $3\frac{1}{2}$ in. Box of $\frac{1}{4}$ lb.....\$.....

No. 2926—Assorted widths and lengths, Box of $\frac{1}{4}$ lb.....\$.....

Engineers' and Surveyors' Field Supplies

YOU will find in the following pages such instruments and supplies as are ordinarily used by engineers and surveyors.

We carry a complete line of Lufkin, Chesterman and Chicago Steel tapes. Each of these makes is recognized as being among the leading brands manufactured and has the endorsement of the foremost engineers of the country.

Pease Leveling Rods are light and compact and made of the very best materials obtainable.



The C.F. Pease Company

STEEL MEASURING TAPES

Engineer's Pattern

Instantaneous Readings

"Nubian" Finish

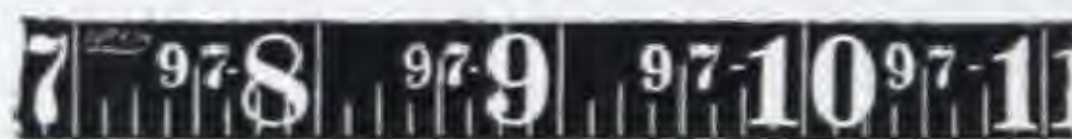


No. 3000

Has $\frac{1}{4}$ -inch tape; hard leather steel lined case, nickel plated trimmings, two detachable rings. The tape can be readily detached from the case, and we furnish an extra ring for the other end. The steel is heavier and stronger than used in the regular steel tapes, and the cases are thinner. Marked on one side in tenths or twelfths.

	Length, feet	50	75	100
No. 3000—STEEL TAPE, divided in 10ths. Each	\$...	\$...
No. 3002—STEEL TAPE, divided in 12ths. Each
No. 3006—Extra Detachable Rings or Handles				Each
1-in. round

Instantaneous READINGS



A system of marking on Steel Measuring Tapes, so that mistakes are impossible; a great time saver. The above illustration will give an idea of this marked improvement. Briefly described, it consists of repeating the foot mark, in easily distinguishable figures, at each inch or tenth foot, as the case may be.

All Lufkin Steel Tapes furnished with either regular or instantaneous readings at the same price.

"NUBIAN" FINISH

This is a dead black finish, against which the raised lines and figures in the natural steel color are in marked contrast, making them most legible. This finish wears well and resists rust.

Drafting and Engineering Supplies

STEEL MEASURING TAPES

"Reliable" (Regular Size)

Instantaneous Readings



No. 3010

"Nubian" Finish



No. 3020

Double-folding flush handle, opened by pressing on opposite side. Hard leather metal lined case, nickel-plated trimmings. Well adapted for all general measuring work. Measurements guaranteed accurate. Width of Ribbon, $\frac{3}{8}$ inch.

	Length, feet	25	33	50	66	75	100
No. 3010—Divided feet, 10ths, 100ths.							
Each		\$	\$	\$	\$	\$	\$
No. 3012—Divided feet, inches, 8ths.							
Each							
	Length, meters	15	25	30			
No. 3014—Divided metric only.							
Each		\$	\$	\$			
No. 3016—Divided metric and feet to 12ths.							
Each							

The above tapes can be furnished with ribbon $\frac{1}{2}$ inch wide at a slight additional cost.

"RELIABLE JUNIOR" (Small Size)

Instantaneous Readings

"Nubian" Finish

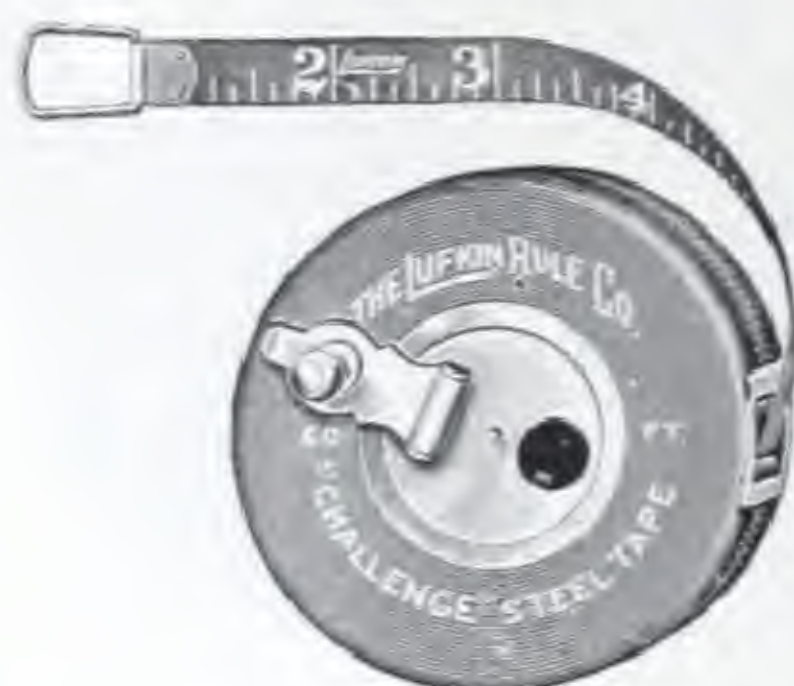
The same in every respect as the "Reliable" Steel Tape listed above, but about half the size and weight. Width of ribbon, $\frac{1}{4}$ inch.

	Length, feet	25	50	100
No. 3020—Divided feet, 10ths, 100ths.				
Each		\$	\$	\$
No. 3022—Divided feet, inches, 8ths.				
Each				
	Length, meters	15	25	30
No. 3024—Divided metric only.				
Each		\$	\$	\$

The C.F. Pease Company

STEEL MEASURING TAPES "CHALLENGE" (Regular Size)

Instantaneous Readings



No. 3030

"Nubian" Finish



No. 3040

Very popular tape. Recommended for general measuring. Hard metal lined case, nickel plated trimmings, folding flush handle. Measurements guaranteed accurate. Width of ribbon, $\frac{3}{8}$ inch.

	Length, feet	25	50	75	100
No. 3030—Divided feet, 10ths, 100ths. Each		\$	\$	\$	\$
No. 3032—Divided feet, inches, 8ths. Each					
	Length, meters	15	25	30	
No. 3034—Divided metric only. Each		\$	\$	\$	
No. 3036—Divided metric and feet to 12ths. Each					

The above tapes can be furnished with ribbon $\frac{1}{2}$ inch wide
at a slight additional cost.

"CHALLENGE JUNIOR" (Small Size)

Instantaneous Readings

"Nubian" Finish

The same in every respect as the "Challenge" Steel Tape listed above, but about half the size and weight. Width of ribbon $\frac{3}{4}$ inch.

	Length, feet	25	50	100
No. 3040—Divided feet, 10ths, 100ths. Each		\$	\$	\$
No. 3042—Divided feet, inches, 8ths. Each				
	Length, meters	15	25	30
No. 3044—Divided metric only. Each		\$	\$	\$

Drafting and Engineering Supplies

STEEL MEASURING TAPES

"RIVAL"

Instantaneous Readings

"Nubian" Finish



No. 3046

Cases of steel, nickel plated, with knurled edge, which affords a firm grip. Folding flush handle is opened by pressing pin on opposite side. Measurements guaranteed accurate. Width of ribbon, $\frac{3}{8}$ inch.

	Length, feet	25	50	75	100
No. 3046—Divided feet, 10ths, 100ths. Each	\$		\$	\$	\$
No. 3048—Divided feet, inches, 8ths. Each					
	Length, meters	15	25	30	
No. 3050—Divided metric only. Each	\$		\$	\$	
No. 3052—Divided metric and feet to 12ths. Each					

"BANNER"

Instantaneous Readings

"Nubian" Finish

A popular priced, well-known steel tape. Case of mottled black "Auto Leather," steel lined, trimmings nickel plated. Measurements guaranteed accurate. Width of ribbon, $\frac{3}{8}$ inch.



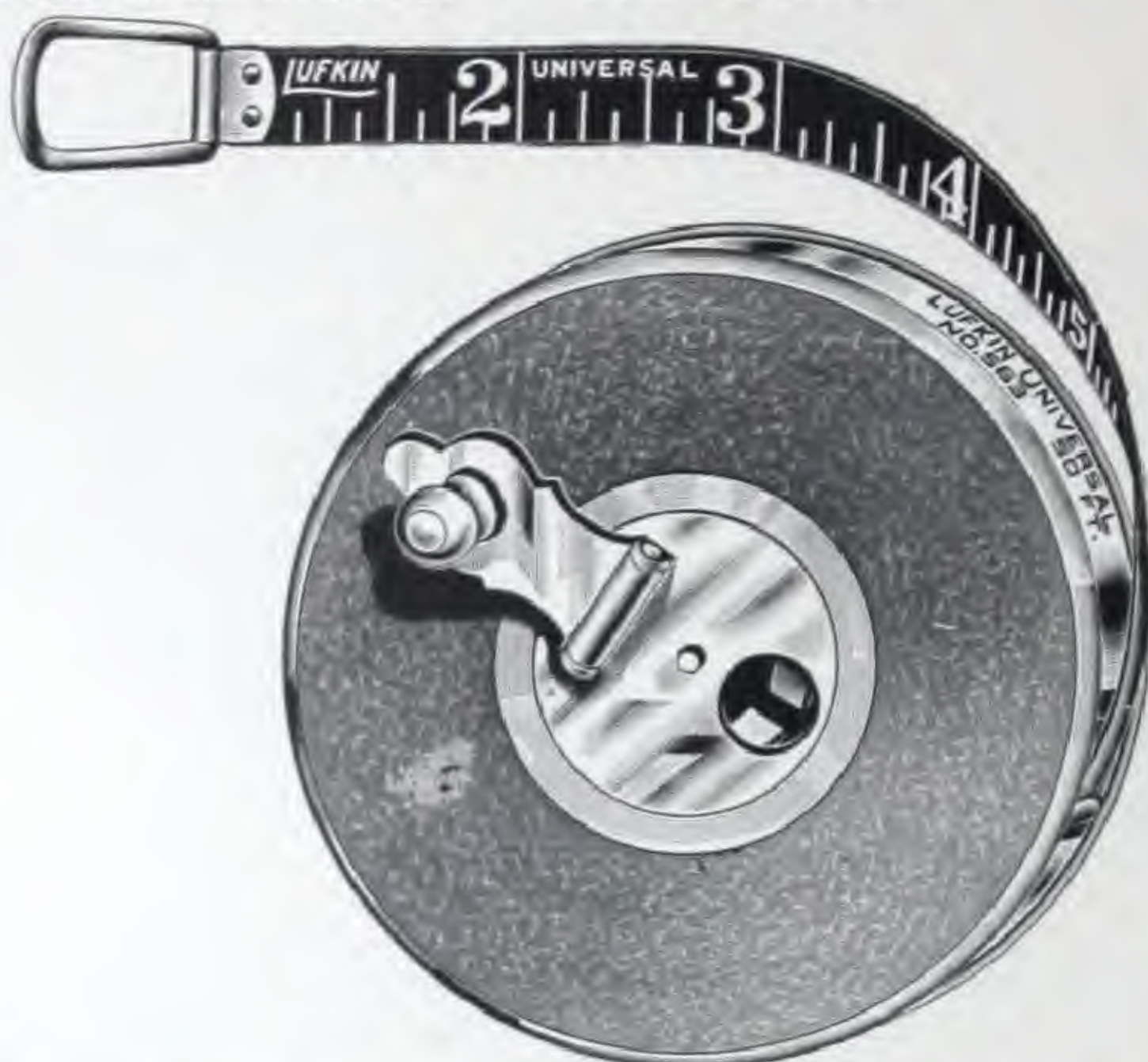
No. 3054

	Length, feet	25	50	75	100
No. 3054—Divided feet, inches, 8ths. Each	\$		\$	\$	\$

"BANNER" Tapes are not furnished marked feet, 10ths, and 100ths of feet

The C.F. Pease Company

STEEL MEASURING TAPES Instantaneous Readings "UNIVERSAL" "Nubian" Finish



No. 3056

A very durable steel tape, so low in price that no mechanic can afford to be without it. Mottled, tan-colored, imitation leather, metal lined case. Well appearing. Folding flush handle. Measurements accurate. Width of ribbon, $\frac{3}{8}$ inch.

No. 3056—Divided feet, inches, 8ths. Each \$ \$ \$ \$

"UNIVERSAL" Steel Tapes are not furnished marked feet, 10ths and 100ths feet.

POCKET STEEL TAPES

"Nubian" Finish



No. 3058

Round-edge, nickel plated cases, spring-wind, center stop. Width of ribbon $\frac{1}{4}$ inch.

No. 3058—Divided one side only, inches and 16ths. Length, inches 36 60 72 96
Each \$ \$ \$ \$

No. 3060—Divided, one side inches and 16ths; other side feet, 10ths and 100ths Each

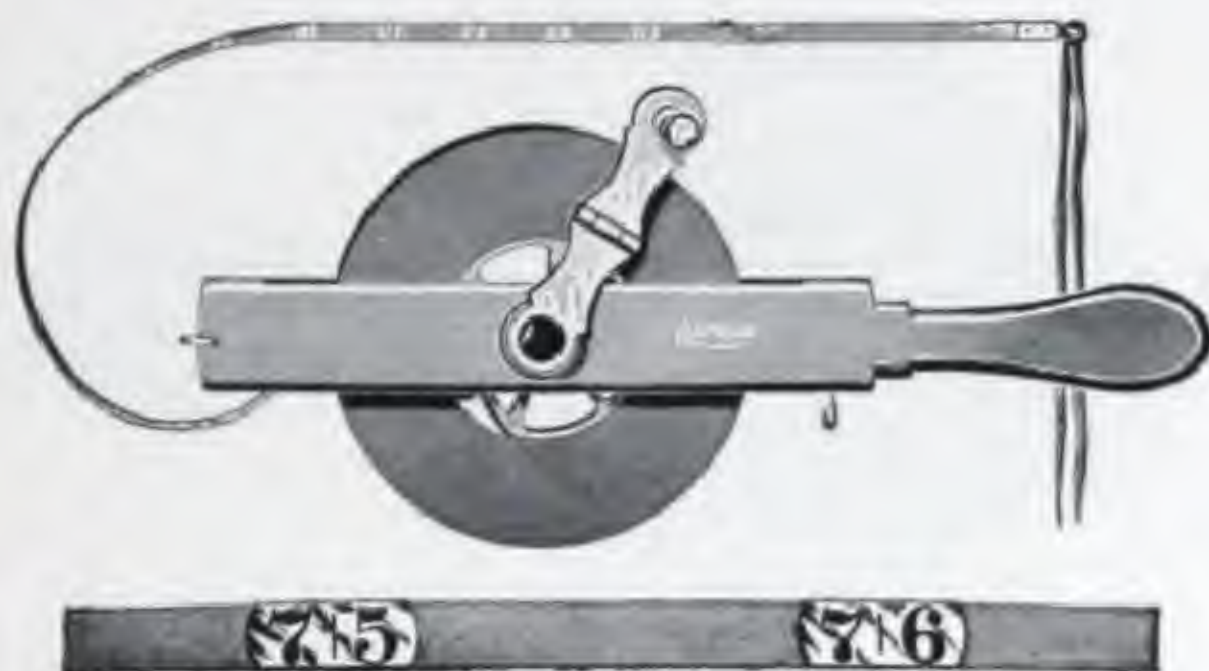
No. 3062—Divided one side only, feet, inches and 16ths, 8 ft. long \$

No. 3064—Divided one side, $\frac{1}{8}$ in. Architects' Scale, 1 to 480; other side, inches to 16ths, 60 in. long \$

SURVEYOR'S CHAIN TAPES

Etched Graduations

"Nubian" Finish



No. 3100

Heavy $\frac{1}{4}$ -inch steel tape. Nicely finished hardwood reel, with large metal folding handle and pair of rawhide thongs. Trimmings nickel plated.

Graduated every foot, the end foot in hundredths. Markings are etched into raised bright portions of the tape and are therefore most legible and permanent. Frame and winding apparatus is durable and compact. The tape can easily be detached from the frame and is provided with two large, strong, detachable handles or rings. Highly recommended for heavy outdoor duty. Measurements guaranteed accurate. Width of ribbon, $\frac{1}{4}$ inch.

	Length, feet	100	200	300
No. 3100—Graduated every foot, end feet in 100ths, complete with reel and two rawhide thongs. Each.....		\$....	\$....	\$....
No. 3102—Tape only, with two rawhide thongs. Each.....				
	Length, meters	30	50	100
No. 3104—Graduated every decimeter, end decimeter in millimeters, complete with reel and two thongs. Each.....		\$....	\$....	\$....
No. 3106—Reel only, with two rings. Each.....				
No. 3108—Detachable rings for Nos. 3100 and 3102. Per pair.....				

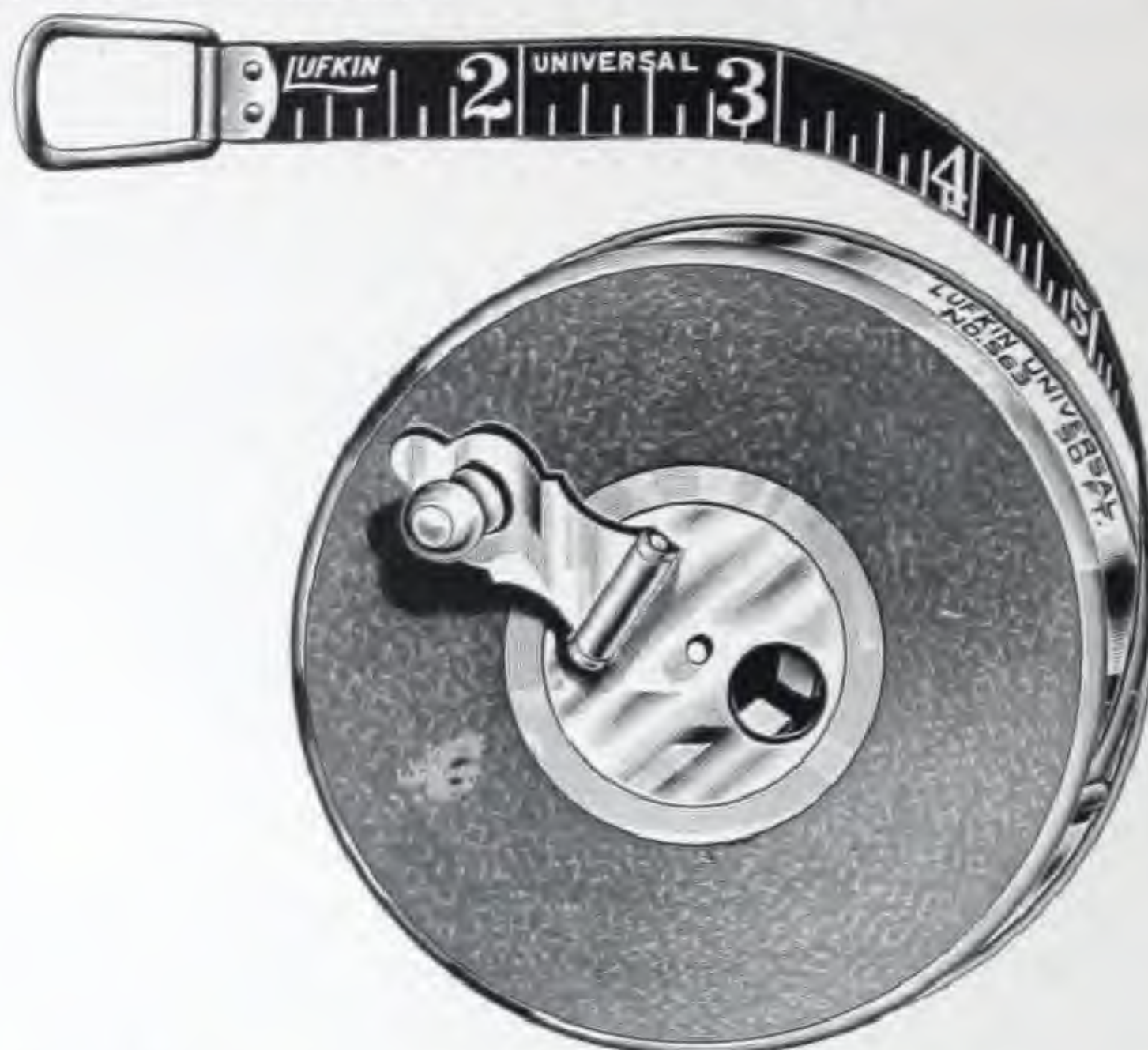
Can furnish rings in place of thongs on any tape.

STEEL MEASURING TAPES

Instantaneous Readings

"UNIVERSAL"

"Nubian" Finish



No. 3056

A very durable steel tape, so low in price that no mechanic can afford to be without it. Mottled, tan-colored, imitation leather, metal lined case. Well appearing. Folding flush handle. Measurements accurate. Width of ribbon, $\frac{3}{8}$ inch.

	Length, feet	25	50	75	100
No. 3056—Divided feet, inches, 8ths. Each		\$	\$	\$	\$

"UNIVERSAL" Steel Tapes are not furnished marked feet, 10ths and 100ths feet.

POCKET STEEL TAPES

"Nubian" Finish



No. 3058

Round-edge, nickel plated cases, spring-wind, center stop. Width of ribbon $\frac{1}{4}$ inch.

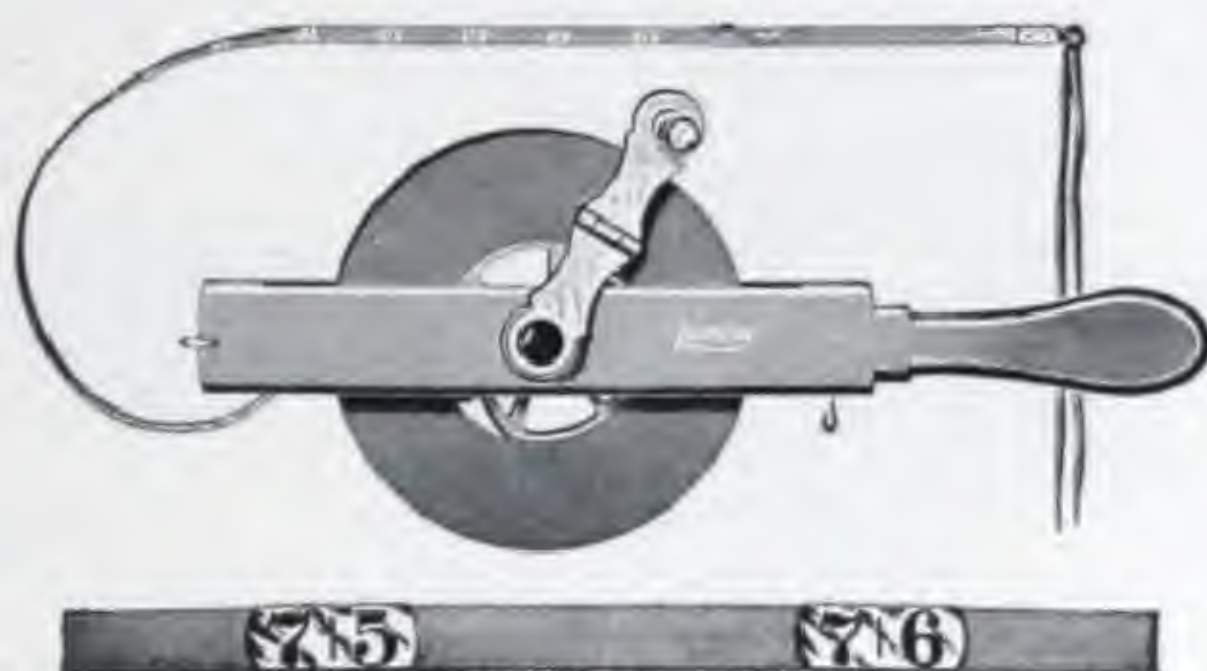
	Length, inches	36	60	72	96
No. 3058—Divided one side only, inches and 16ths. Each		\$	\$	\$	\$
No. 3060—Divided, one side inches and 16ths; other side feet, 10ths and 100ths					Each
No. 3062—Divided one side only, feet, inches and 16ths, 8 ft. long				\$	
No. 3064—Divided one side, $\frac{1}{8}$ in. Architects' Scale, 1 to 480; other side, inches to 16ths, 60 in. long					

Drafting and Engineering Supplies

SURVEYOR'S CHAIN TAPES

Etched Graduations

"Nubian" Finish



No. 3100

Heavy $\frac{1}{4}$ -inch steel tape. Nicely finished hardwood reel, with large metal folding handle and pair of rawhide thongs. Trimmings nickel plated.

Graduated every foot, the end foot in hundredths. Markings are etched into raised bright portions of the tape and are therefore most legible and permanent. Frame and winding apparatus is durable and compact. The tape can easily be detached from the frame and is provided with two large, strong, detachable handles or rings. Highly recommended for heavy outdoor duty. Measurements guaranteed accurate. Width of ribbon, $\frac{1}{4}$ inch.

	Length, feet	100	200	300
No. 3100—Graduated every foot, end feet in 100ths, complete with reel and two rawhide thongs. Each		\$....	\$....	\$....
No. 3102—Tape only, with two rawhide thongs. Each
	Length, meters	30	50	100
No. 3104—Graduated every decimeter, end decimeter in millimeters, complete with reel and two thongs. Each		\$....	\$....	\$....
No. 3106—Reel only, with two rings. Each
No. 3108—Detachable rings for Nos. 3100 and 3102. Per pair

Can furnish rings in place of thongs on any tape.

The C.F. Pease Company

LOCK HANDLE FRAME STEEL TAPES

Instantaneous Readings

"Nubian" Finish



No. 3110

A very popular tape for general engineering purposes. Metal frame and trimmings, polished hardwood grip, two detachable handles equipped with a one piece winding handle which folds over the tape, thereby engaging the frame and locking the tape at any desired point. Measurements guaranteed accurate. Width of ribbon, $\frac{1}{4}$ inch.

	Length, feet	33	50	66	75	100
No. 3110—Divided feet, 10ths and 100ths.						
Each.....	\$	\$	\$	\$	\$	\$
No. 3112—Divided feet, inches and 8ths						
Each.....						

The above tapes are furnished with two-arm frames except the 100 foot tapes which have four-arm frames

D

A Chain Tap
rust. Practically
foot, end feet being
metal nickel plates
from reel. Width
if specified.

No. 3114—Graduated
Comple

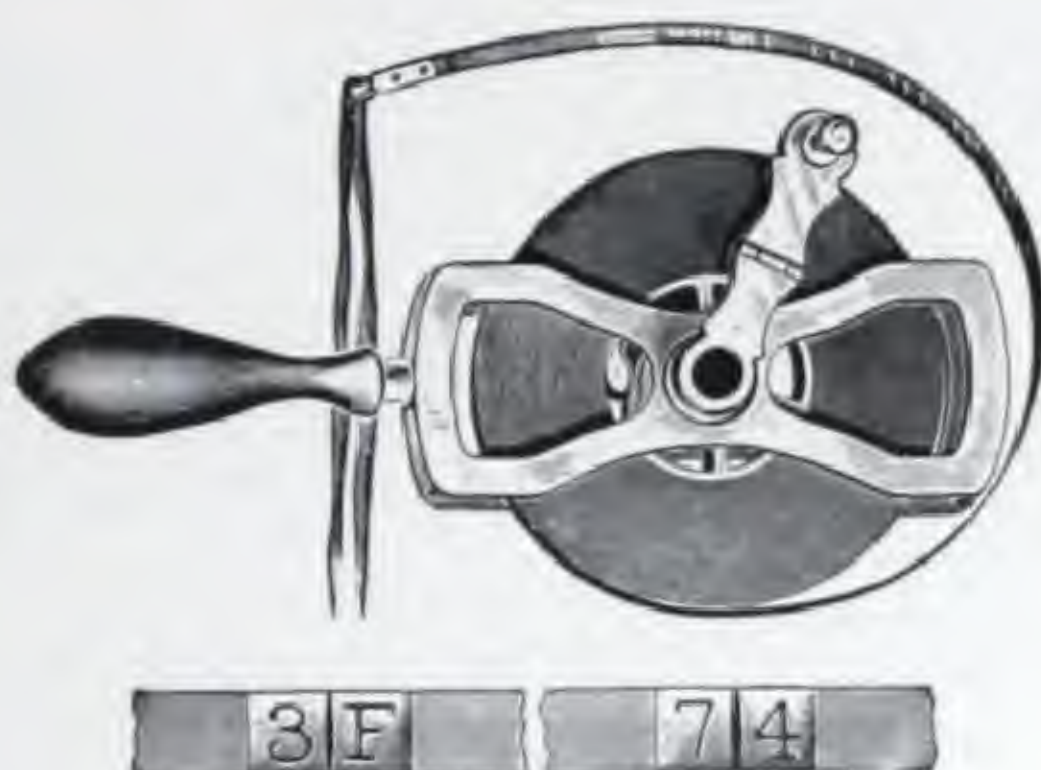
No. 3116—Tape of

The above

Reels for

SURVEYOR'S CHAIN TAPES

Graduated on Babbitt Metal



No. 3114

A Chain Tape of heavy and extra tough steel, coated with white metal to prevent rust. Practically indestructible. Graduations are stamped into babbitt metal at each foot, end feet being in tenths. Two rawhide thongs furnished with each tape. Sturdy metal nickel plated reel with polished hardwood folding handle. Line is easily detached from reel. Width of ribbon, $\frac{3}{16}$ inch. Detachable rings can be supplied in place of thongs if specified.

	Length, feet	100	200	300	500
No. 3114—Graduated every foot, end feet in 10ths,					
Complete with reel and two thongs. Each		\$....	\$....	\$....	\$....
No. 3116—Tape only with two thongs. Each	

The above Chain Tapes can be furnished with ribbon $\frac{5}{16}$ inch wide at the same price each.

Reels for above tapes over 100 feet long are four arm pattern

The C.F. Pease Company

CHICAGO STEEL TAPES WIDTH OF RIBBON 5/16 INCH



No. 3120

CHICAGO STEEL TAPE, with metallic reel for short tapes and tapes without shoulders

Graduation Beginning at End of Steel Ribbon	Graduation Beginning 6 in. from End of Steel Ribbon	Length	Without Reel, Each	With Wooden Reel, Each	With Metallic Reel, Each
No. 3120	No. 3120-A	50 feet	\$	\$	\$
No. 3121	No. 3121-A	100 feet			
No. 3122	No. 3122-A	200 feet			
No. 3123	No. 3123-A	300 feet			
No. 3124	No. 3124-A	500 feet			
No. 3125	No. 3125-A	100 links			
No. 3126	No. 3126-A	200 links			
No. 3127	No. 3127-A	20 vara			
No. 3128	No. 3128-A	40 vara			
No. 3129	No. 3129-A	50 vara			
No. 3130	No. 3130-A	20 meters			
No. 3131	No. 3131-A	40 meters			

For other lengths ask for special prices.

Extra handles, rawhide or metal, per pair \$

For tapes with shoulders, add \$ without reel.

For tapes marked both sides, add cents per mark

For tapes marked on brass sleeves soldered to tape, add cents per mark.

Set of steel numbers for re-stamping tapes \$

Standard width is 5/16 inch, but 1/8, 3/16, 1/4, 3/8, or 1/2 inch wide tape furnished if specified at the same price as above, but not guaranteed.

Drafting and Engineering Supplies

METALLIC MEASURING TAPES



Case of genuine russet leather, hand stitched with metal liner. Double-folding flush handle, opened by pressing pin on opposite side. Nickel plated trimmings. Width of ribbon, $\frac{5}{8}$ inch.



No. 3140

	Length, feet	25	33	50	66	75	100	
No. 3140—Divided feet and 10ths. Each	\$	\$	\$	\$
No. 3142—Divided feet and inches. Each	
	Length, meters	10	15	20	25	30		
No. 3144—Divided metric only. Each	\$	\$	\$	\$
No. 3146—Divided one side metric; other side feet and inches. Each	



No. 3150

	Length, feet	25	33	50	66	75	100	
No. 3150—Divided feet and tenths. Each	\$	.....	\$	.....	\$	.....	\$	.....
No. 3152—Divided feet and inches. Each		.....		.....		.....		.....
	Length, meters	10	15	20	25	30		
No. 3154—Divided metric only. Each	\$	.....	\$	.....	\$	.....	\$	.....
No. 3156—Divided one side, metric; other side feet and inches. Each		.....		.....		.....		.....

The C.F. Pease Company

METALLIC MEASURING TAPES

"Junior" Metallic Tapes



No. 3160

The same in every respect as tape No. 3140 listed on previous page, but about half the size and weight. Width of ribbon, $\frac{3}{8}$ inch.

	Length, feet	25	50
No. 3160—Divided feet, 10ths, 100ths. Each	\$...	\$
No. 3162—Divided feet, inches, 8ths. Each			
	Length, meters	5	15
No. 3164—Divided metric one side, other side feet, inches and 8ths. Each	\$...	\$

METALLIC TAPES WITHOUT CASES

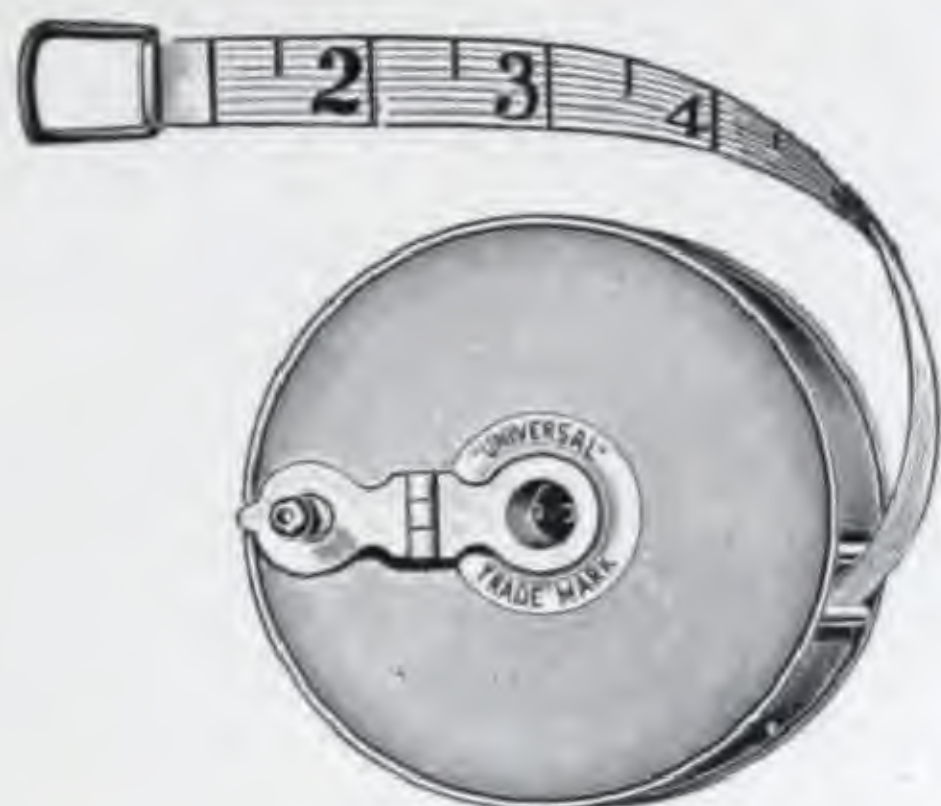
Ribbon $\frac{5}{8}$ Inch Wide

	Length, feet	25	33	50	66	75	100
No. 3170—Divided feet and 10ths; refills for tapes Nos. 3140 and 3150. Each	\$...	\$...	\$...	\$
No. 3172—Divided feet and inches; refills for tapes Nos. 3142 and 3152. Each							
	Length, meters	10	15	20	25	30	
No. 3174—Divided metric only; refills for tapes Nos. 3144 and 3154. Each	\$...	\$...	\$...	\$
No. 3176—Divided one side metric; other side feet and inches; refills for tapes Nos. 3146 and 3156. Each							

Ribbon $\frac{3}{8}$ Inch Wide

	Length, feet	25	50
No. 3178—Divided feet, 10ths, 100ths; refills for tape No. 3160. Each	\$...	\$
No. 3180—Divided feet, inches, 8ths; refills for tape No. 3162. Each			
	Length, meters	5	15
No. 3182—Divided metric one side, other side feet, inches, 8ths; refills for tape No. 3164. Each	\$...	\$

UNIVERSAL WOVEN TAPES



No. 3190

This tape is highly recommended for any rough measuring. Case of sheet steel brass bound, with sides maroon enameled. Brass folding handle and trimmings. The line is extra durable, being corded with pure, unbleached linen. Width of ribbon, $\frac{1}{2}$ inch.

	Length, feet	25	50	75	100
No. 3190—Divided feet and inches. Each		\$...	\$...	\$...	\$...
	Length, meters	10	15	25	30
No. 3192—Divided one side, metric; other side feet and inches. Each		\$...	\$...	\$...	\$...

REINFORCED UNIVERSAL WOVEN TAPES

Each

No. 3194—Same tape as above, but has first three feet of tape double and stitched. This prolongs the life of the tape as the first few feet receive by far the most wear. Made in 50-foot length only \$.....

"MARVEL" POCKET LINEN TAPES

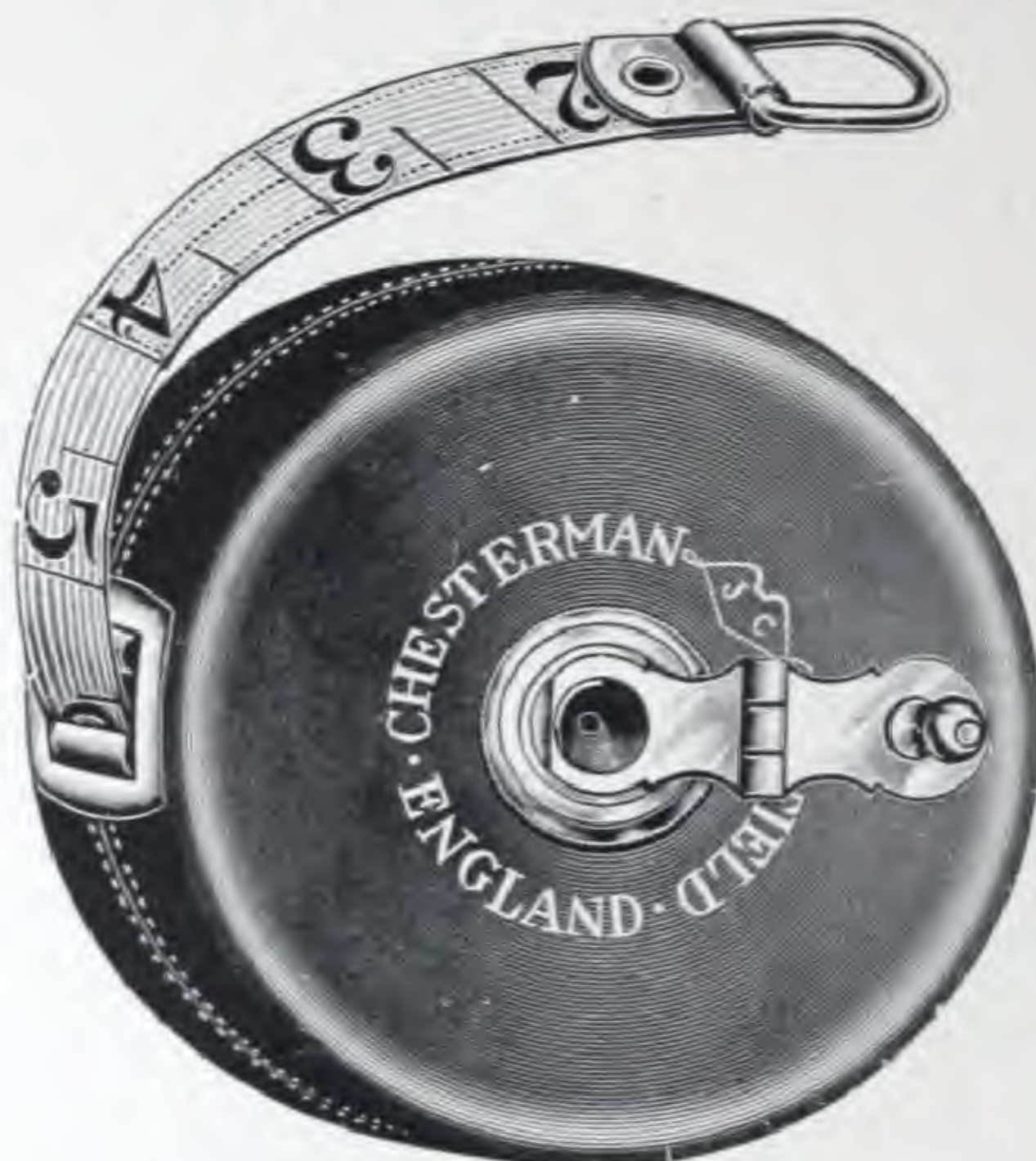


No. 3196

Square-edge, nickel plated cases, spring wind, center stop. Durable woven line. Width of ribbon, $\frac{1}{4}$ inch.

	Length, inches	36	60	72
No. 3196—Divided one side only inches and 8ths. Each		\$...	\$...	\$...

CHESTERMAN METALLIC TAPES



No. 3198

Red leather case, folding handle, linen line with metallic warp woven in by special process. Graduations begin at end of ring. Width of ribbon, $\frac{5}{8}$ in.

	Length, feet	25	50	75	100
No. 3198—Divided 10ths of feet and links. Each.....	\$...	\$...	\$...	\$...	\$...
No. 3200—Divided 12ths of feet and links. Each.....

CHESTERMAN METALLIC TAPES WITHOUT CASES

Ribbon $\frac{5}{8}$ Inch Wide

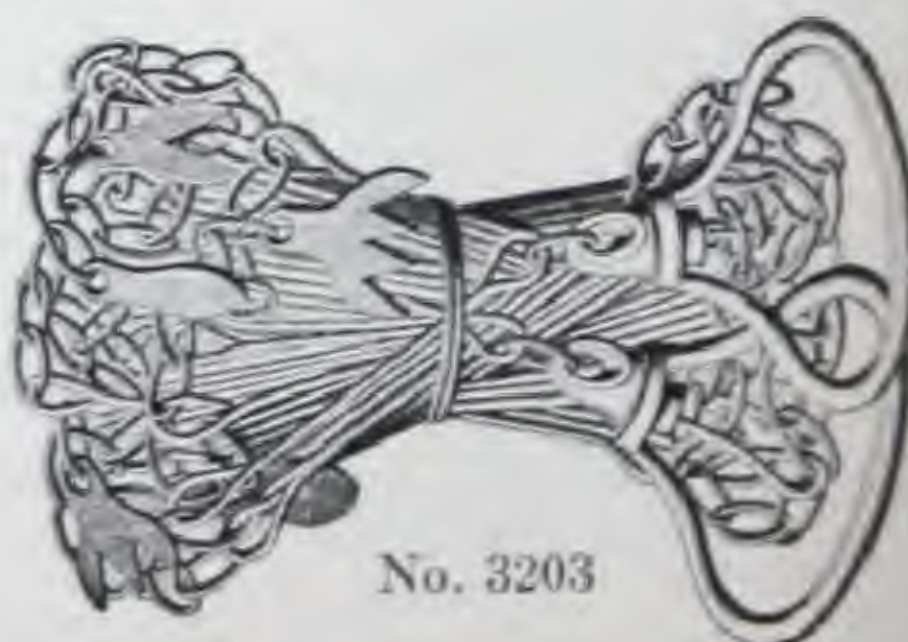
	Length, feet	25	50	75	100
No. 3201—Divided 10ths of feet and links, refills for Tape No. 3198. Each.....	\$...	\$...	\$...	\$...	\$...
No. 3202—Divided 12ths of feet and links, refills for Tape No. 3200.....

SURVEYOR'S STEEL CHAINS

U. S. Standard

No. 3203—W. G. 12, Steel, tempered and polished. All joints brazed and furnished with two oval rings, brass, swivel handles and tallies, divided into feet, and tallied at every 10 feet.

	Length, feet	50	100
Each.....	\$...	\$...	\$...
No. 3204—Same as above, but without brazed joints.
Each.....	\$...	\$...	\$...



No. 3203

No. 3205—P

No. 3206—E

This is t
market. A thi
ends of the tap
lighted match
move it while it
Sleeves are fur
state width o

No. 3207—EU

Will repai
or permanent r
width of tape
No. 3208—LIT

Drafting and Engineering Supplies

TAPE REPAIR OUTFITS



No. 3205

No. 3205—PUNCH AND RIVETER OUTFIT, complete.....	Each
	\$.....
No. 3206—EXTRA EYELETS, 1,000 in package, 2 lengths.....	Per Package
	\$.....

"EUREKA" TAPE SPLICE



No. 3207

This is the quickest, simplest field convenience for a broken tape now in the market. A thin sheet metal sleeve, coated with solder and flux, is fitted over the broken ends of the tape. By hammering the sleeve closely down to the tape and burning out a lighted match underneath, the tape is securely welded together. Let it cool and do not move it while it is cooling. There can be no failure if these directions are closely followed. Sleeves are furnished one dozen in a small wooden box with directions. **In ordering, state width of tape.**

No. 3207—EUREKA TAPE SPLICE.....	Per Doz. Sleeves
	\$.....

"LITTLE GIANT" TAPE SPLICE



No. 3208

Will repair a broken tape in a minute. Attach with knife blade. For temporary or permanent repair. In sizes to fit all tapes—give width used. **In ordering, state width of tape.**

No. 3208—LITTLE GIANT TAPE SPLICE.....	Each
	\$.....

ARROWS OR MARKING PINS



No. 3211



No. 3212

- | | |
|--|-----|
| No. 3210—STEEL ARROWS, plain red-head, 11 in set, 10 in. long, W. G. 6 | Set |
| No. 3211—STEEL ARROWS, plain red-head, 11 in set, 14 in. long, W. G. 6 | |
| No. 3212—STEEL ARROWS, nickel plated, 11 in set, 14 in. long, W. G. 6
arrows are square, facilitating absolutely correct measurements. A
red linen flag is attached to each arrow..... | |
| No. 3213—STEEL ARROWS, nickel plated, 11 in set, 14 in. long, W. G. 6,
with white enameled disc, 2 1/2 inches diameter, with red figures 1 to 11 | |

CHICAGO STEEL ARROWS

These arrows are made of the best quality of hardened steel, 3/16 inch round and 14 inches long. They are japanned red and white, alternating each inch. They much more quickly catch the eye in brush and grass when so painted.

- | | |
|--|-----|
| No. 3214—SET OF 11 ARROWS, 14 in. long | Set |
|--|-----|

QUIVER FOR ARROWS AND CARRYING RING



No. 3216

- | | |
|---|------|
| No. 3216—QUIVER, of sewed leather, with adjustable strap and belt, and
belt loop, for set of 11 arrows | Each |
| No. 3217—QUIVER, cloth covered, with strap, for set of 11 arrows | |
| No. 3218—SPRING STEEL CARRYING RING, 6-in. diameter | |

Drafting and Engineering Supplies

TAPE HOOK



No. 3220

CLAMP HANDLE



No. 3222

No. 3220—**TAPE HOOK**, for attaching to steel tapes. Measures from inside of hook. Brass, nickel plated. For $\frac{1}{4}$ or $\frac{3}{8}$ -inch tapes. Each \$

No. 3222—**CLAMP HANDLE**, for attaching to any part of a long steel tape thus making it adaptable to any desired length. Brass, nickel plated weight, 4 oz.

TENSION HANDLE

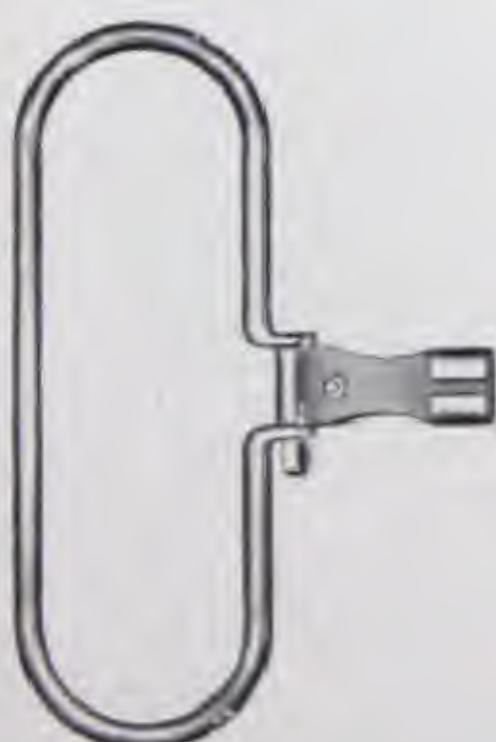


No. 3224

No. 3224—**TENSION HANDLE**, for applying and determining the exact tension applied to any tape. Brass, nickel plated. Capacity, 20 lbs., indicated by half pounds; weight, 4 oz. Each \$

HANDLES FOR STEEL TAPES

DETACHABLE RINGS FOR ENGINEERS' PATTERN TAPES



No. 3228

Detachable Rings or Handles

Each
No. 3226—1-inch, round \$
No. 3228—3-inch, oval



No. 3226

The C.F. Pease Company

STAKE TACKS



No. 3230

SURVEYING SPADS



No. 3236

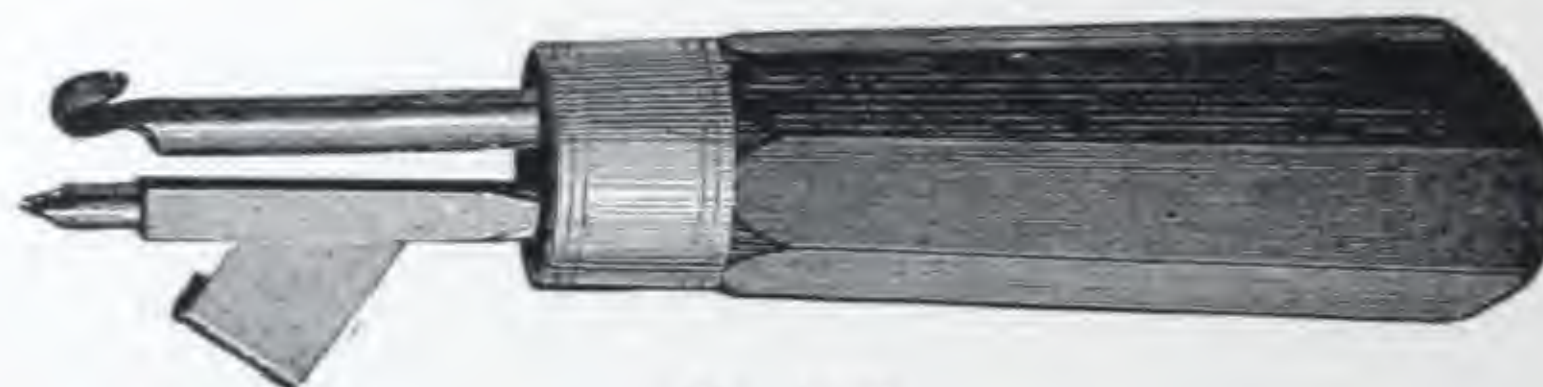
- No. 3230—STAKE TACKS, galvanized, $\frac{3}{4}$ in. long, 4-oz. box \$.....
 No. 3232—STAKE TACKS, galvanized, $\frac{3}{4}$ in. long, per lb.
 No. 3234—STAKE TACKS, galvanized, $\frac{3}{4}$ in. long, 5 lb. or over, per lb.

These stake tacks have an indentation in the surface of the head, and are therefore very convenient for obtaining accurate and quick setting of a plumb bob.

- No. 3236—SURVEYING SPADS, steel, $2\frac{1}{4}$ in. long, in tin box, per box of 50... \$.....
 No. 3238—SURVEYING SPADS, steel, $2\frac{1}{4}$ in. long, in bulk, per lot of 1000....

These surveying spads are made of high grade steel and are heavily galvanized to prevent rusting. Used for suspending plumb bobs from timbers in mines, etc.

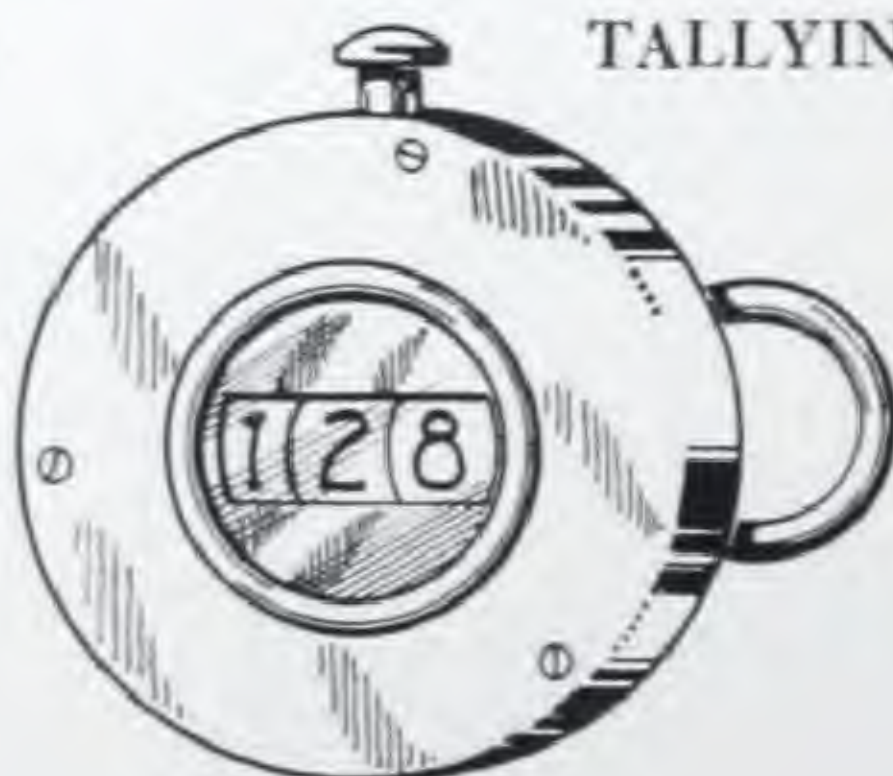
TIMBER SCRIBE



No. 3240

- No. 3240—TIMBER SCRIBE, or Tree Marker, $6\frac{1}{2}$ in. long. Each \$.....

TALLYING MACHINES



No. 3242



No. 3244

- No. 3242—TALLYING MACHINE, nickel plated, registers to 999 Each \$.....
 No. 3244—SET BACK HAND TALLY COUNTER, nickel plated, registers to 9,999.

This instrument can very easily and quickly be set back to zero by one turn of the knob. Finger ring is located so that the counter can be used with either hand.

Drafting and Engineering Supplies

MERCURY PLUMB BOBS



No. 3254

These Plumb Bobs are made of solid steel, nickel plated, bored out in the center and filled with mercury, thus combining great weight in proportion to the size. Each provided with a braided silk line.

	Each
No. 3250—MERCURY PLUMB BOB, $3\frac{1}{2}$ oz.	\$.....
No. 3252—MERCURY PLUMB BOB, 6 oz.	\$.....
No. 3254—MERCURY PLUMB BOB, 12 oz.	\$.....
No. 3256—MERCURY PLUMB BOB, 16 oz.	\$.....

PLUMB BOB ATTACHMENTS FOR STEEL TAPES



No. 3260



No. 3262



No. 3264

These plumb bobs attached to steel tapes are used in gauging the depth of oil tanks, etc. Very easily detached from tapes when not in use.

	Each
No. 3260—ATTACHMENT only, nickel plated, 6 oz., $2\frac{3}{8}$ in. long.	\$.....
No. 3262—ATTACHMENT only, enameled, 14 oz., $2\frac{3}{8}$ in. long.	\$.....
No. 3264—ATTACHMENT only, nickel plated, 18 oz., $6\frac{3}{4}$ in. long.	\$.....

PLUMB BOB CORDS

	Yard
No. 3266—PLUMB BOB CORD, best linen; thin, medium or thick.	\$.....
No. 3268—PLUMB BOB CORD, best braided silk, medium or thick.	\$.....

BRASS PLUMB BOBS



No. 3271



No. 3288



No. 3277

WITH SHORT NECKS

		Each
No. 3270—PLUMB BOB,	4 oz., steel point, screw cap	\$
No. 3271—PLUMB BOB,	6 oz., steel point, screw cap	\$
No. 3272—PLUMB BOB,	8 oz., steel point, screw cap	\$
No. 3273—PLUMB BOB,	10 oz., steel point, screw cap	\$
No. 3274—PLUMB BOB,	12 oz., steel point, screw cap	\$

WITH LONG NECKS

		Each
No. 3276—PLUMB BOB,	4 oz., steel point, screw cap	\$
No. 3277—PLUMB BOB,	6 oz., steel point, screw cap	\$
No. 3278—PLUMB BOB,	8 oz., steel point, screw cap	\$
No. 3279—PLUMB BOB,	10 oz., steel point, screw cap	\$
No. 3280—PLUMB BOB,	12 oz., steel point, screw cap	\$
No. 3281—PLUMB BOB,	14 oz., steel point, screw cap	\$
No. 3282—PLUMB BOB,	16 oz., steel point, screw cap	\$
No. 3283—PLUMB BOB,	18 oz., steel point, screw cap	\$
No. 3284—PLUMB BOB,	20 oz., steel point, screw cap	\$
No. 3285—PLUMB BOB,	22 oz., steel point, screw cap	\$
No. 3286—PLUMB BOB,	24 oz., steel point, screw cap	\$

ADJUSTABLE PLUMB BOB

		Each
No. 3288—ADJUSTABLE PLUMB BOB,	brass, 10 oz., with concealed reel, on which the line is wound and held by friction at any point of its length \$	\$

IRON PLUMB BOB

		Each
No. 3290—IRON PLUMB BOB,	7 oz.	\$



No. 3291

When attached to a pole, shifted up or down, the springs release contact with the screw. No. 3295—AUTOMATIC

No. 3296—IMPROVED

This instrument is used on a pole of any shape. It is fastened to the pole by a screw, for which it is pressed against the pole. The level bubbles are at right angles to each other.

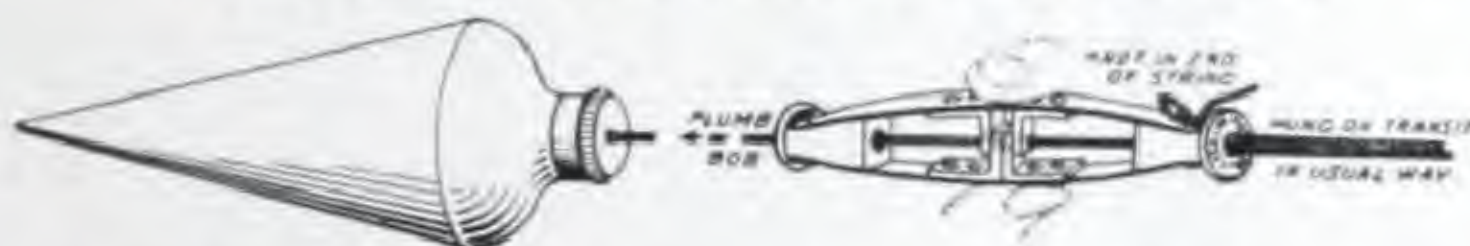


No. 3291

SHEATHS FOR PLUMB BOBS

	Each
No. 3291—SEWED LEATHER SHEATH for plumb bob weighing 6-8 oz.....	\$....
No. 3292—SEWED LEATHER SHEATH for plumb bob weighing 10-12 oz.....	\$....
No. 3293—SEWED LEATHER SHEATH for plumb bob weighing 14-24 oz.....	\$....

AUTOSET PLUMMET ADJUSTER



When attached to the transit plumb bob string, the plumb bob can be quickly shifted up or down with one hand. A slight pressure of the thumb and finger on the side springs releases the string. It grips instantly on releasing the pressure. All parts in contact with the string are rounded to prevent wear.

	Each
No. 3295—AUTOSET PLUMMET ADJUSTER.....	\$....

ROD LEVEL

	Each
No. 3296—IMPROVED ROD LEVEL.....	\$....

This instrument is used to hold rod or pole of any shape perpendicular. It can either be fastened to the rod by means of the flat-head screw, for which there is a key slot provided, or pressed against the rod or pole while holding. The level bubbles are sunk in the casting at right angles to each other. Indispensable for stadia work.



No. 3296

LEVELING RODS



No. 3302



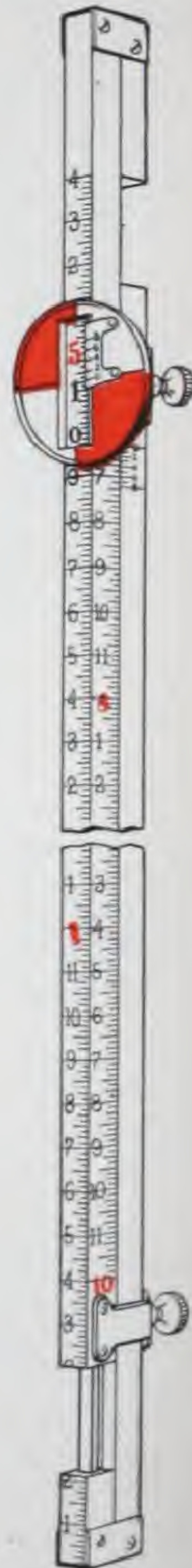
No. 3308



No. 3316



No. 3320



No. 3326

For description, see pages 317 and 318.

No. 3300—PH
Length—
Divided—
Target—

No. 3302—PH
Length—
Divided—
Target—

No. 3304—PH
Length—
Divided—
Target—

No. 3306—PH
Length—
Divided—
Target—

No. 3308—PH
Length—
Divided—
Target—

No. 3310—MIN
Length—
Divided—
Target—

No. 3312—MIN
Length—
Divided—
Target—

No. 3314—MIN
Length—
Divided—
Target—

No. 3316—MIN
Length—
Divided—
Target—

Drafting and Engineering Supplies

LEVELING RODS

- | | Each |
|--|----------|
| No. 3300— PHILADELPHIA ROD (Heavy) . Hardwood | \$ |
| Length—7 feet extending to 13 feet. | |
| Divided—Feet, 10ths and half 10ths; verniers reading to 200ths of a foot. | |
| Target—Round with screw clamp. | |
| No. 3302— PHILADELPHIA ROD (Heavy) . Hardwood | |
| Length—7 feet extending to 13 feet. | |
| Divided—Feet, 10ths and 100ths; verniers reading to 1000ths of a foot. | |
| Target—Round with screw clamp. | |
| No. 3304— PHILADELPHIA ROD (Light) . Hardwood | |
| Length—6½ feet extending to 12 feet. | |
| Divided—Feet, 10ths and half 10ths; verniers reading to 200ths of a foot. | |
| Target—Round with screw clamp. | |
| No. 3306— PHILADELPHIA ROD (Light) . Hardwood | |
| Length—6½ feet extending to 12 feet. | |
| Divided—Feet, 10ths and 100ths; verniers reading to 1000ths of a foot. | |
| Target—Round with screw clamp. | |
| No. 3308— PHILADELPHIA METRIC ROD . Hardwood | |
| Length—2.2 meters extending to 4 meters. | |
| Divided—Meters, decimeters and centimeters; verniers reading to millimeters. | |
| Target—Round with screw clamp. | |
| No. 3310— MINING ROD (Philadelphia Pattern) . Hardwood | |
| Length—3 feet extending to 5 feet. | |
| Divided—Feet, 10ths and half 10ths; verniers reading to 200ths of a foot. | |
| Target—Round with screw clamp. | |
| No. 3312— MINING ROD (Philadelphia Pattern) . Hardwood | |
| Length—3 feet extending to 5 feet. | |
| Divided—Feet, 10ths and 100ths; verniers reading to 1000ths of a foot. | |
| Target—Round with screw clamp. | |
| No. 3314— MINING ROD (Philadelphia Pattern) . Hardwood | |
| Length—5 feet extending to 9 feet. | |
| Divided—Feet, 10ths and half 10ths; verniers reading to 200ths of a foot. | |
| Target—Round with screw clamp. | |
| No. 3316— MINING ROD (Philadelphia Pattern) . Hardwood | |
| Length—5 feet extending to 9 feet. | |
| Divided—Feet, 10ths and 100ths; verniers reading to 1000ths of a foot. | |
| Target—Round with screw clamp. | |

Canvas Cases for Leveling Rods listed on page 325.

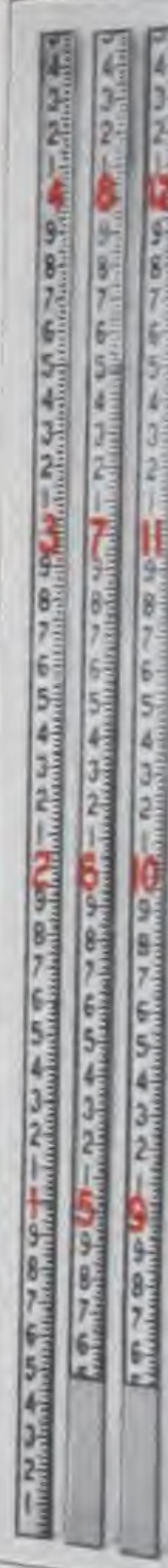
LEVELING RODS

	Each
No. 3320—STADIA ROD. Pine Wood.....	\$.....
Length—6 feet closed opening to 12 feet; two fold with strong brass hinge.	
Divided—Feet, 10ths and 100ths; self-reading.	
No. 3324—CROSS SECTION ROD. Hardwood.....	
Length—10 feet, in one piece; adjustable spirit level at each end and open hand grip at the middle.	
Divided—Feet, 10ths and 100ths; self-reading.	
No. 3326—ARCHITECTS' ROD. Hardwood.....	
Length—5½ feet extending to 10 feet.	
Divided—Feet, inches and ⅛ inch; verniers reading to ¼ of an inch.	
Target—Round with screw clamp.	
No. 3328—ARCHITECTS' ROD, Hardwood.....	
Length—5½ feet extending to 10 feet.	
Divided—Feet, 10ths and 100ths; verniers reading to 1000ths of a foot.	
Target—Round with screw clamp.	

Canvas Cases for Leveling Rods listed on page 325

SEPARATE TARGETS FOR PEASE LEVELING RODS

	Each
No. 3330—ROUND TARGET, for rod No. 3300.....	\$.....
No. 3331—ROUND TARGET, for rod No. 3302.....	
No. 3332—ROUND TARGET, for rod No. 3304.....	
No. 3333—ROUND TARGET, for rod No. 3306.....	
No. 3334—ROUND TARGET, for rod No. 3308.....	
No. 3335—OVAL TARGET, for rod No. 3300.....	
No. 3336—OVAL TARGET, for rod No. 3302.....	
No. 3337—OVAL TARGET, for rod No. 3304.....	
No. 3338—OVAL TARGET, for rod No. 3306.....	
No. 3339—OVAL TARGET, for rod No. 3308.....	



No. 3340

The Chicago
joints are made
of automatic spring

The rods
mahogany finish
wooden section
one-half that of

CHICAGO LEVELING RODS



No. 3340

No. 3341

No. 3342



No. 3348



No. 3349

The Chicago Leveling Rods are very light and compact. The joints are made of metal and nickel plated, and are locked with an automatic spring catch, thus making the entire rod very rigid.

The rods are made of light, well seasoned hardwood, with fine mahogany finish. The telescoping joints being perfectly flush with the wooden sections, its weight, due to its manner of jointing, is nearly one-half that of the old style rods.

CHICAGO LEVELING RODS (Continued)

It is made of 3 or 4 pieces of selected hardwood, 2 inches wide, 1 inch thick and $4\frac{1}{2}$ feet long. The face has beaded edges to protect the graduations. These pieces are finished in natural color and hand polished. They are joined together by telescope (metal to metal) sockets, fitting perfectly and highly polished, thus avoiding errors by the parts slipping on the clamps, so common in other rods.

The rods are furnished in strong, cloth sacks, with three or four pockets folding upon each other, thus making a very convenient and handy package.

The Chicago Leveling Rod is essentially a self-reading rod, but will be furnished with target if desired.

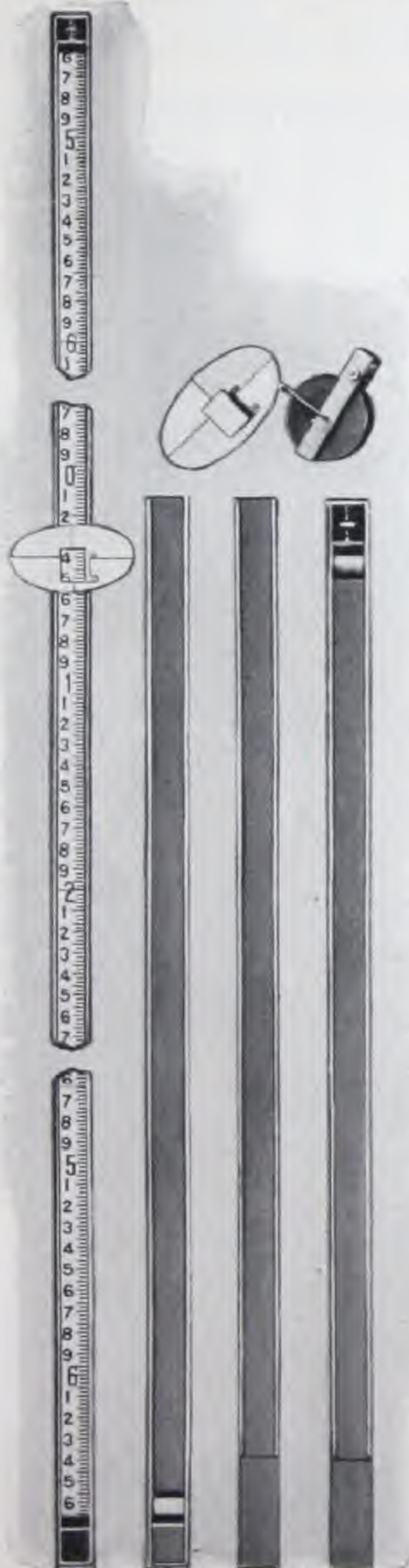
CHICAGO LEVELING RODS

Without Targets

	Each
No. 3340—CHICAGO ROD in 3 sections of $4\frac{1}{2}$ feet each, total length $12\frac{1}{2}$ feet, self-reading, divided in feet, 10ths and 100ths.....	\$.....
No. 3341—CHICAGO ROD, same as No. 3340, but divided in feet, 10ths and half-tenths.....
No. 3342—CHICAGO ROD, same as No. 3340, but divided in feet, inches and $\frac{1}{8}$ inches.....
No. 3343—CHICAGO ROD, same as No. 3340, but in 4 sections of $4\frac{1}{2}$ feet each, total length $16\frac{1}{2}$ feet, divided in feet, 10ths and 100ths.....
No. 3344—CHICAGO ROD, same as No. 3343, but divided in feet, 10ths and half-tenths.....
No. 3345—CHICAGO ROD, same as No. 3343, but divided in feet, inches and $\frac{1}{8}$ inches.....
No. 3346—TARGET for Improved Chicago Leveling Rod, $5\frac{1}{2}$ inches in diameter, vernier and nickel-plated trimmings. Round or oval.....

The Stadia Targets are made as large as can be conveniently carried so as to be able to take long sights. They are furnished in pairs, with screw clamps to firmly set them at any fixed point. They can be easily slid up and down the rod and can be readily slipped off.

	Per Pair
No. 3347—CHICAGO STADIA TARGETS, large, rectangular \$.....	\$.....
No. 3348—CHICAGO STADIA TARGETS, large, round.....
No. 3349—CHICAGO STADIA TARGETS, large, diamond.....



No. 3350

CHICAGO SELF-COMPUTING LEVELING ROD

The Chicago Self-Computing Rod is made of three pieces, 2 inches wide, 1 inch thick and 4½ feet long, joined by telescoping metal joints. Hardwood, hand polished, natural finish, with rollers at each end over which pass a metal ribbon. The rod is 12½ feet long and has a 12-foot working surface.

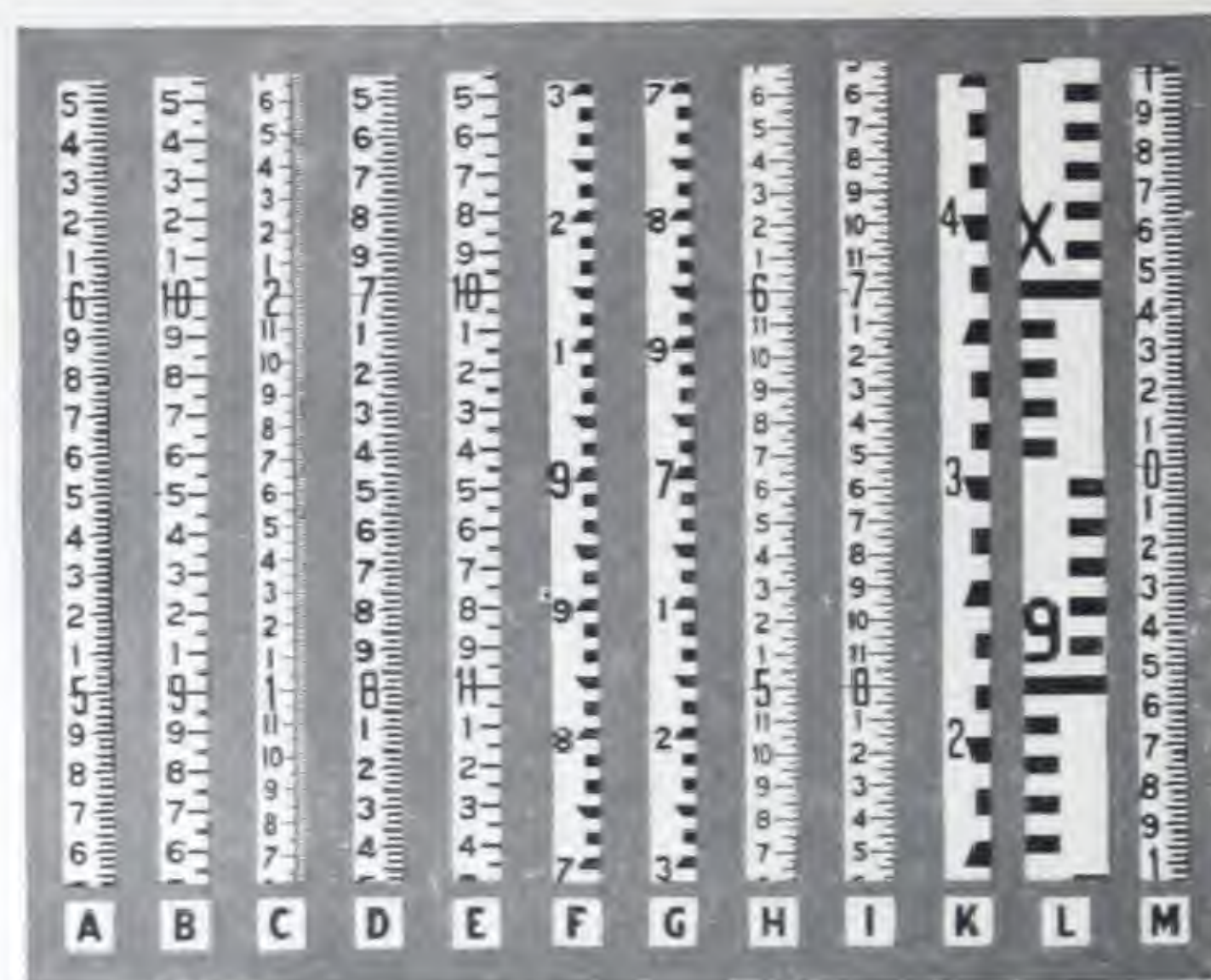
The ribbon is graduated either in feet, 10ths and 100ths as shown in Fig. "D", No. 3354-D, page 322, or in feet, 10ths and half 10ths as shown in Figure "E", No. 3354-E, page 322. Ribbons of other graduations can be furnished upon request.

A reel is provided for the ribbon to be coiled on when not in use, and when in use the ribbon ends are hooked together at the back of the rod, making practically an endless ribbon. This is moved up and down by directions from the instrument and clamped when it gives the desired reading.

A 7-inch, long diameter, oval target is furnished with each rod.

- | | |
|--|------------|
| No. 3350—CHICAGO Self-Computing Rod, in cloth case, Style "D". Divided—feet, 10ths and 100ths; complete with target | Each
\$ |
| No. 3351—CHICAGO Self-Computing Rod, in cloth case, Style "D". Divided—feet, 10ths and 100ths; complete without target | |
| No. 3352—CHICAGO Self-Computing Rod, in cloth case, Style "E". Divided—feet, 10ths and half 10ths; complete with Target | |
| No. 3353—CHICAGO Self-Computing Rod, in cloth case, Style "E". Divided—feet, 10ths and half 10ths; complete without target | |

CHICAGO LEVELING ROD RIBBONS



No. 3354

No. 3354—**CHICAGO LEVELING ROD RIBBONS**, made of especially prepared paper-cloth $1\frac{1}{2}$ or $1\frac{3}{8}$ inches wide. They make excellent temporary leveling rods, stadia rods, water gauges, etc., by pasting or tacking them onto "O.G." battens or similar sticks.

Width of Ribbon

All styles of ribbons are made $1\frac{1}{2}$ inches wide with the exception of Styles A, B, C, D and E, which can also be furnished $1\frac{3}{8}$ inches wide.

Style "L" ribbon is made $2\frac{1}{2}$ inches wide only.	12½ ft. or under	12½ to 16½ ft.	16½ to 20½ ft.
No. 3354A—Feet, 10ths and 100ths, numbering up, width, $1\frac{1}{2}$ or $1\frac{3}{8}$ in. Each	\$	\$	\$
B—Feet, 10ths and half 10ths, numbering up, width $1\frac{1}{2}$ or $1\frac{3}{8}$ in. Each			
C—Feet, inches and 8ths, numbering up, width $1\frac{1}{2}$ in. or $1\frac{3}{8}$ in. Each			
D—Feet, 10ths and 100ths, numbering down, width $1\frac{1}{2}$ or $1\frac{3}{8}$ in. Each			
E—Feet, 10ths and half 10ths, numbering down, width $1\frac{1}{2}$ or $1\frac{3}{8}$ in. Each			
F—Meters, 10ths and 100ths, numbering up, width $1\frac{1}{2}$ in. Each			
G—Meters, 10ths and 100ths, numbering down, width $1\frac{1}{2}$ inches. Each			
H—Feet, inches and 4ths, numbering up, width $1\frac{1}{2}$ in. Each			
I—Feet, inches and 4ths, numbering down, width $1\frac{1}{2}$ in. Each			
K—Links and 10ths, numbering up, width $1\frac{1}{2}$ in. Each			
L—Feet and half 10ths, width $2\frac{1}{2}$ in. Each			
M—Any style numbering both ways from zero. Each			

When ordering be sure to specify style and width of ribbon desired
Any of the above ribbons with the exception of Style "L"
can be furnished in brass. Write for prices

Drafting and Engineering Supplies

PEASE RANGING POLES



No. 3360



No. 3370



No. 3368

For description, see pages 324 and 325

PEASE RANGING POLES

Wood

No. 3360—**RANGING POLE**, of best seasoned wood, **octagonal**, tapered, painted red and white alternately every foot.

	Length, feet	6	8	10
Each	\$	\$	\$	\$

No. 3362—**RANGING POLE**, of best seasoned wood, **round**, tapered, painted red and white alternately every foot.

	Length, feet	6	8	10
Each	\$	\$	\$	\$

STEEL AND IRON

No. 3366—**STEEL RANGING POLE**, $\frac{1}{2}$ inch diameter, **octagonal**, turned and hardened points, painted red and white alternately every foot.

	Length, feet	6	8
Each	\$	\$	\$

No. 3368—**IRON TUBULAR RANGING POLE**, $\frac{7}{8}$ inch diameter, **round**, painted red and white alternately every foot.

	Length, feet	6	8	10
Each	\$	\$	\$	\$

No. 3370—

This pole
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Each

No. 3372—
sectional.

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PEASE RANGING POLES

Sectional Steel

No. 3370—PEASE RANGING POLE, steel tubing, round, sectional.

This pole is in two sections, each $4\frac{1}{2}$ feet long, lengthening out to $8\frac{1}{2}$ feet, $1\frac{1}{8}$ inches diameter, jointed, with metal telescope tubing, perfectly fitted, making an absolutely rigid pole. Shod with a steel shoe. The joints have a spring catch, which prevents them from being pulled apart. Furnished with strong two-pocket canvas bag.

Each \$

No. 3372—PEASE MINING POLE, metal, $\frac{5}{8}$ -inch diameter, round, sectional.

This pole is in three sections, each 33 inches long, lengthening out to $7\frac{1}{4}$ feet, $\frac{5}{8}$ inches in diameter, jointed, with telescope tubing, perfectly fitted, making an absolutely rigid pole. Shod with brass shoe and iron tip. The joints have a spring catch, which prevents them from being pulled apart. Is very light and very strong. Furnished in strong three-pocket canvas bag.

Each \$

CANVAS CASES FOR RODS AND POLES

	Each
No. 3375—CANVAS CASE for Rods Nos. 3300-3308	\$
No. 3376—CANVAS CASE for Rods Nos. 3310-3314
No. 3377—CANVAS CASE for 6-ft. Ranging Poles, Wood or Steel
No. 3378—CANVAS CASE for 8-ft. Ranging Poles, Wood or Steel
No. 3379—CANVAS CASE for 10-ft. Ranging Poles, Wood or Steel

These cases are made of exceptionally heavy canvas, carefully sewed and reinforced at lower end. They are closed at the upper end by means of a draw-string.

When ordering, always specify Catalog Number of Leveling Rod or Ranging Pole, with which the Case is to be used

MAGNETIC POCKET COMPASSES



No. 3501

No. 3501—**POCKET COMPASS**, 1 3/4 inch diameter, watch pattern, with case, jeweled needle, heavy enameled fixed card dial graduated every two degrees.

No. 3503—**POCKET COMPASS**, 1 3/4-inch diameter, watch pattern, with case, silvered-metal dial, jeweled center, with stop to needle, graduated every two degrees and numbered every four degrees.



No. 3503

Each



No. 3505

No. 3506—**POCKET COMPASS**, 1 3/4-inch diameter, watch pattern, with case, silvered-metal dial, jeweled center, with stop to needle, graduated in full circle divisions.

No. 3507—**POCKET COMPASS**, 1 3/4-inch diameter, watch pattern, with case, untarnishable silvered-metal floating dial, jeweled needle, cupped jewel bearing.



No. 3506

Each

MAGNETIC



No. 3500

No. 3500—**POCKET COMPASS**, 1 3/4-inch diameter, watch pattern, with case, silvered-metal dial, jeweled center, with stop to needle, graduated every two degrees.

No. 3501—**POCKET COMPASS**, 1 3/4-inch diameter, watch pattern, with case, silvered-metal dial, jeweled center, with stop to needle, graduated every two degrees and numbered every four degrees.

M

No. 3502—**MILITARY COMPASS**, 1 3/4-inch diameter, watch pattern, with case, silvered-metal dial, jeweled center, with stop to needle, graduated every two degrees.

No. 3503—**MILITARY COMPASS**, 1 3/4-inch diameter, watch pattern, with case, silvered-metal dial, jeweled center, with stop to needle, graduated every two degrees.

No. 3504—**MILITARY COMPASS**, 1 3/4-inch diameter, watch pattern, with case, silvered-metal dial, jeweled center, with stop to needle, graduated every two degrees.

No. 3505—**MILITARY COMPASS**, 1 3/4-inch diameter, watch pattern, with case, silvered-metal dial, jeweled center, with stop to needle, graduated every two degrees.

Drafting and Engineering Supplies

MAGNETIC POCKET COMPASSES



No. 3509



No. 3511

- No. 3509—**POCKET COMPASS**, 1½-inch diameter, watch pattern, white metal Hunter case, silvered-metal dial, jeweled needle. Each \$
- No. 3511—**POCKET COMPASS**, 1¾-inch diameter, watch pattern, white metal Hunter case, strongly hinged, silvered-metal **floating** dial, jeweled needle, snap cover which automatically stops needle when closed. . . .

MILITARY COMPASS



No. 3530

- No. 3530—**MILITARY COMPASS**, 2-inch bar needle with jeweled center and automatic stop, divided to degrees on raised silvered-metal ring, in polished mahogany box, 3x3 inches. Each \$
- No. 3532—**MILITARY COMPASS**, 2-inch bar needle, with jeweled center and automatic stop, divided to degrees on raised silvered-metal ring, numbered every 10 degrees, 0 to 360, in polished mahogany box, 3x3 inches, with sighting line on lid.

MAGNETIC POCKET
COMPASSES



No. 3501



No. 3503

- Each
- No. 3501—**POCKET COMPASS**, 1½ inch diameter, watch pattern, brass case, jeweled needle, heavy enameled **fixed** card dial, numbered every ten degrees \$
- No. 3503—**POCKET COMPASS**, 1½-inch diameter, watch pattern, brass case, silvered-metal dial, jeweled center, with stop to needle, full circle divisions, divided every two degrees and numbered every twenty degrees



No. 3505



No. 3507

- Each
- No. 3505—**POCKET COMPASS**, 1½-inch diameter, watch pattern, brass case silvered-metal dial, jeweled center, with stop to needle, graduated in full circle divisions \$
- No. 3507—**POCKET COMPASS**, 1¾-inch diameter, watch pattern, white metal case, untarnishable silvered-metal **floating** dial, jeweled needle, cupped jewel bearing \$

Drafting and Engineering Supplies

MAGNETIC POCKET COMPASSES



No. 3509



No. 3511

- No. 3509—**POCKET COMPASS**, $1\frac{1}{2}$ -inch diameter, watch pattern, white metal Hunter case, silvered-metal dial, jeweled needle. Each \$
- No. 3511—**POCKET COMPASS**, $1\frac{3}{4}$ -inch diameter, watch pattern, white metal Hunter case, strongly hinged, silvered-metal **floating** dial, jeweled needle, snap cover which automatically stops needle when closed. . . .

MILITARY COMPASS



No. 3530

- No. 3530—**MILITARY COMPASS**, 2-inch bar needle with jeweled center and automatic stop, divided to degrees on raised silvered-metal ring, in polished mahogany box, 3x3 inches. Each \$
- No. 3532—**MILITARY COMPASS**, 2-inch bar needle, with jeweled center and automatic stop, divided to degrees on raised silvered-metal ring, numbered every 10 degrees, 0 to 360, in polished mahogany box, 3x3 inches, with sighting line on lid.

SIGHT COMPASSES



No. 3550

No. 3550—POCKET SIGHT COMPASS, 2-inch diameter, watch pattern, nickel plated case with black hinged sights folding under cover, raised metal dial graduated in full circle divisions, jeweled needle with stop.

Each.....\$.....

No. 3555—OPEN FACED SURVEYING COMPASS with folding sights, finely finished brass body, 3½ inch needle with jeweled center and stop. Full circle divisions to single degrees numbered every 10 degrees on raised metal ring; 2 spirit levels, ball joint and socket, complete with Jacob staff, in individual box. A very high grade instrument at a moderate price.

Each.....\$.....



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THE BRUNTON PATENT POCKET TRANSIT



No. 3560

A complete, accurate and reliable pocket instrument for the taking of topography and preliminary surveys of every description, either on the surface or under ground; thus taking the place of a sighting compass, clinometer, prismatic compass and Abney level, and combining them as it does in one light and handy instrument. The magnetic variation is set off by means of a slotted head pinion, which may be revolved by means of a screw driver or knife blade.

For plain table work, the celluloid Alidade protractor is provided, to which the instrument is attached with the line of sight parallel to the edge of the protractor.

NOTE: Unless otherwise ordered, instruments will be supplied with compass circles numbered in quadrants (0 to 90 each way), but circles numbered 0 to 360, clockwise, and 0 to 360, counter clockwise, will be furnished without extra charge if specified.

	Each
No. 3560—IMPROVED TYPE BRUNTON PATENT POCKET TRANSIT with directions.....	\$.....
No. 3561—Ball and Socket Tripod Head
No. 3562—Tubular Extension Tripod
No. 3563—Alidade Protractor.....
No. 3564—Plain leather case for instrument only
No. 3565—Leather case with belt loop for instrument only
No. 3566—Leather case with sling strap for instrument only
No. 3567—Leather case for instrument, tripod head and tripod with sling strap

HAND LEVELS



No. 3590

No. 3590—**POCKET REFLECTING LEVEL**, in square bronze metal case, 5 inches long, complete in sewed leather case Each \$

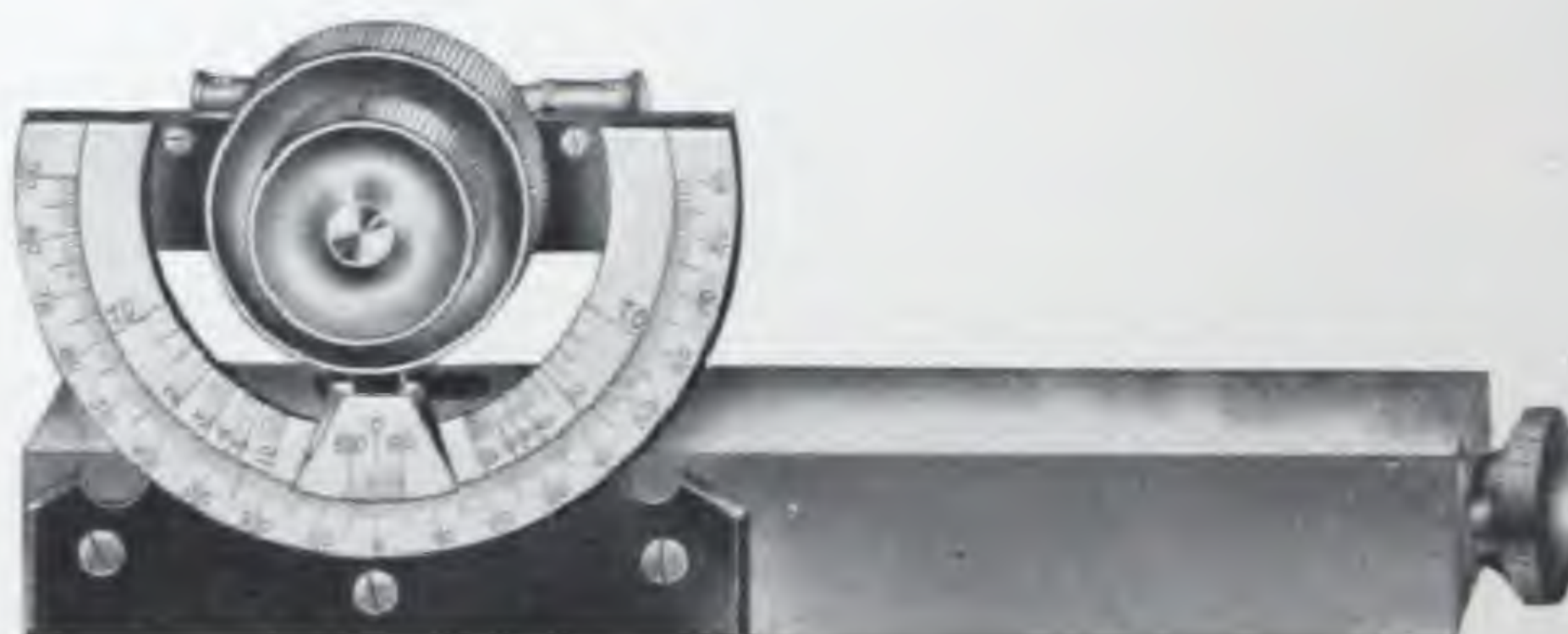
5.00



No. 3592

No. 3592—**POCKET REFLECTING LEVEL**, in round bronze metal case, 5 inches long, with draw eye-piece and magnifying lens, complete in sewed leather case Each \$

7.50



No. 3594

No. 3594—**ABNEY'S REFLECTING LEVEL** or pocket Altimeter, square plain sighting tube 5 inches, vertical arc 1 inch, graduated 90 degrees in each direction in single degrees, numbered every 10 degrees, vernier reading to 5 minutes, scale of grades from 1:1 to 1:10, 1-inch bubble, draw eye-piece, complete in sewed leather case Each \$

17.50

No. 3650—

No. 3652—

No. 3654—

No. 3656—

No. 3660—

No. 3662—

No. 3664—

POCKET MAGNIFYING GLASSES



No. 3650

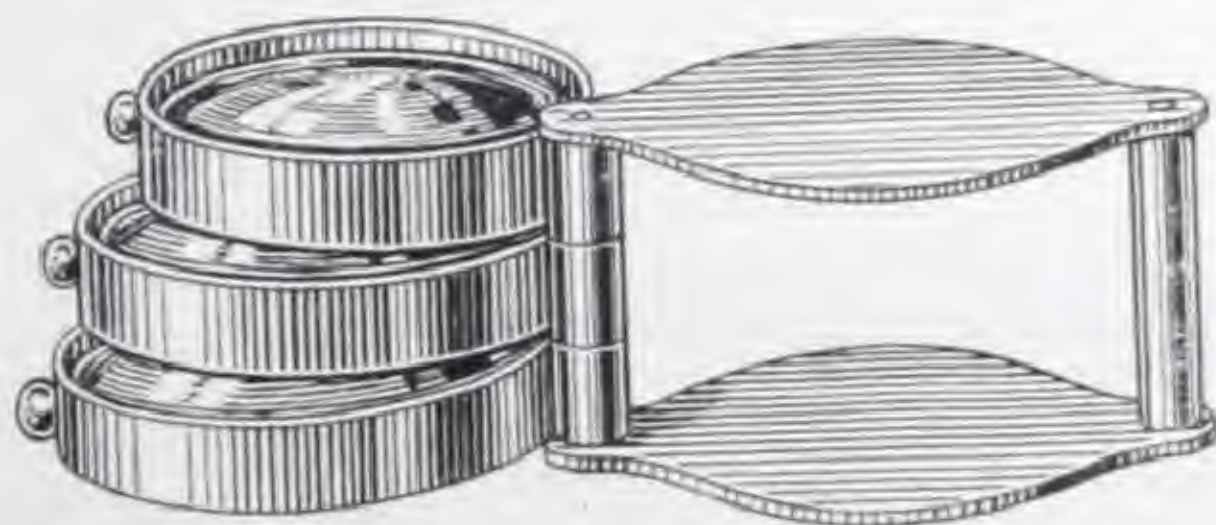


No. 3654

MOUNTED IN RUBBER

Each

- No. 3650—1 lens, diameter 1 in. \$ 0.15
 No. 3652—1 lens, diameter 1½ in. \$ 0.25
 No. 3654—2 lenses, diameter 1 in. \$ 0.25
 No. 3656—2 lenses, diameter 1½ in. \$ 0.35



No. 3664

MOUNTED IN METAL

NICKEL PLATED

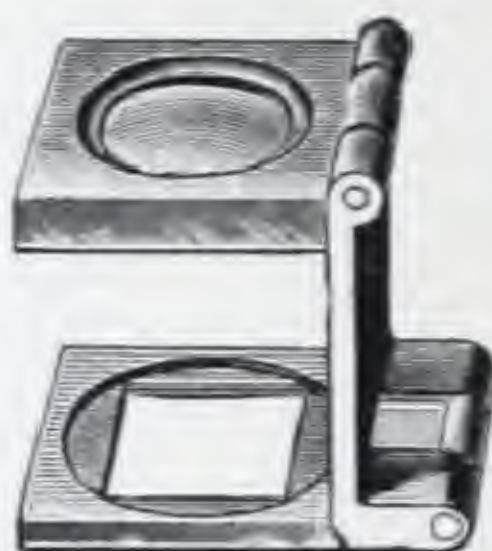
Each

- No. 3660—1 lens, diameter 1 in. \$ 0.15
 No. 3662—2 lenses, diameter 1 in. \$ 0.25
 No. 3664—3 lenses, diameter 1 in. \$ 0.35

MAGNIFYING GLASSES



No. 3670



No. 3678



No. 3682

Each

- No. 3670—**CODDINGTON LENS**, metal folding frame, nickel plated, diameter $\frac{1}{2}$ in. \$
- No. 3672—Like No. 3670, but diameter 1 in.
- No. 3674—Like No. 3670, but diameter $1\frac{3}{8}$ in.
- No. 3676—**THREAD COUNTER**, metal folding frame, field $\frac{1}{4}$ in.
- No. 3678—Like No. 3676, but field $\frac{1}{2}$ in.
- No. 3680—Like No. 3676, but field 1 in.
- No. 3682—**MAGNIFIER** on three legs, brass, screw adjustment, diameter 1 in.

READING AND REDUCING GLASSES

Finest Quality Nickel-Plated Frames, Polished Ebony Handles



No. 3684

No. 3684—**READING GLASSES.**

Diameter	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5
Each	\$	\$	\$	\$	\$	\$	\$

No. 3686—**REDUCING GLASSES.**

Diameter	2	3
Each	\$	\$

No. 4000—

No. 4002—

No. 4004—

No. 4006—

No. 4010—

No. 4012—

ANEROID BAROMETERS

For Measuring Heights and Atmospheric Pressure



No. 4004

- | | Each |
|--|--------------|
| No. 4000—WATCH PATTERN, gilt case, $1\frac{3}{4}$ in. diameter, silvered-metal dial, revolving altitude scale 8,000 feet. In Morocco case | \$ |
| No. 4002—WATCH PATTERN, gilt case, $1\frac{3}{4}$ in. diameter, silvered-metal dial, revolving altitude scale 3,000 feet, compensated for temperature. In Morocco case | |
| No. 4004—Like No. 4002, but altitude scale 8,000 feet | |
| No. 4006—Like No. 4002, but altitude scale 15,000 feet | |
| No. 4010—WATCH PATTERN, gilt case, $1\frac{3}{4}$ in. diameter, silvered-metal dial, altitude scale 8,000 feet, pearl dial, compass and thermometer on reverse, compensated for temperature. In Morocco case | |
| No. 4012—Like No. 4010, but altitude scale 12,000 feet | |

ANEROID BAROMETERS

For Measuring Heights and Atmospheric Pressure



No. 4020

- No. 4020—**SURVEYING BAROMETER**, bronzed case, 3-in. diameter, silvered-metal dial, graduations on raised ring, vernier scale reading to 2 feet, operated by rack and pinion, fixed altitude scale 5,000 feet, compensated for temperature, adjustable magnifying reading lens, fitted to revolving band. In sewed leather case. Each \$
- No. 4022—Like No. 4020, but altitude scale 10,000 feet, with vernier scale reading to 2 feet.
- No. 4024—Like No. 4020, but altitude scale 16,000 feet, with vernier scale reading to 2 feet.
- No. 4030—**SURVEYING BAROMETER**, bronzed case, 5 in. diameter, silvered-metal dial, graduations on raised ring, vernier scale reading to 1 foot, operated by rack and pinion, fixed altitude scale 6,000 feet, compensated for temperature, adjustable magnifying reading lens, fitted to revolving band. In sewed leather case.
- No. 4032—Like No. 4030, but altitude scale 10,000 feet, with vernier scale reading to 1 foot.
- No. 4034—Like No. 4030, but altitude scale 16,000 feet, with vernier scale reading to 1 foot.

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Drafting and Engineering Supplies

BUFF AND BUFF SURVEYING INSTRUMENTS

Buff Surveying Instruments are the ultimate result of over sixty years' experience in dealing with the very critical engineering profession. This statement is borne out by the countless numbers of Buff Instruments which are in actual service day in and out over a long period of years.

BUFF ECONOMY

In price, Buff Instruments are not cheap but their highly effective service assures their usefulness through all seasons; their unusual economy and low repair cost make them the most economical of all instruments.

Buff Instruments have behind them an unparalleled history of years of uninterrupted success, which demonstrates the correctness of design and the accuracies of construction.

BUFF ACCESSIBILITY

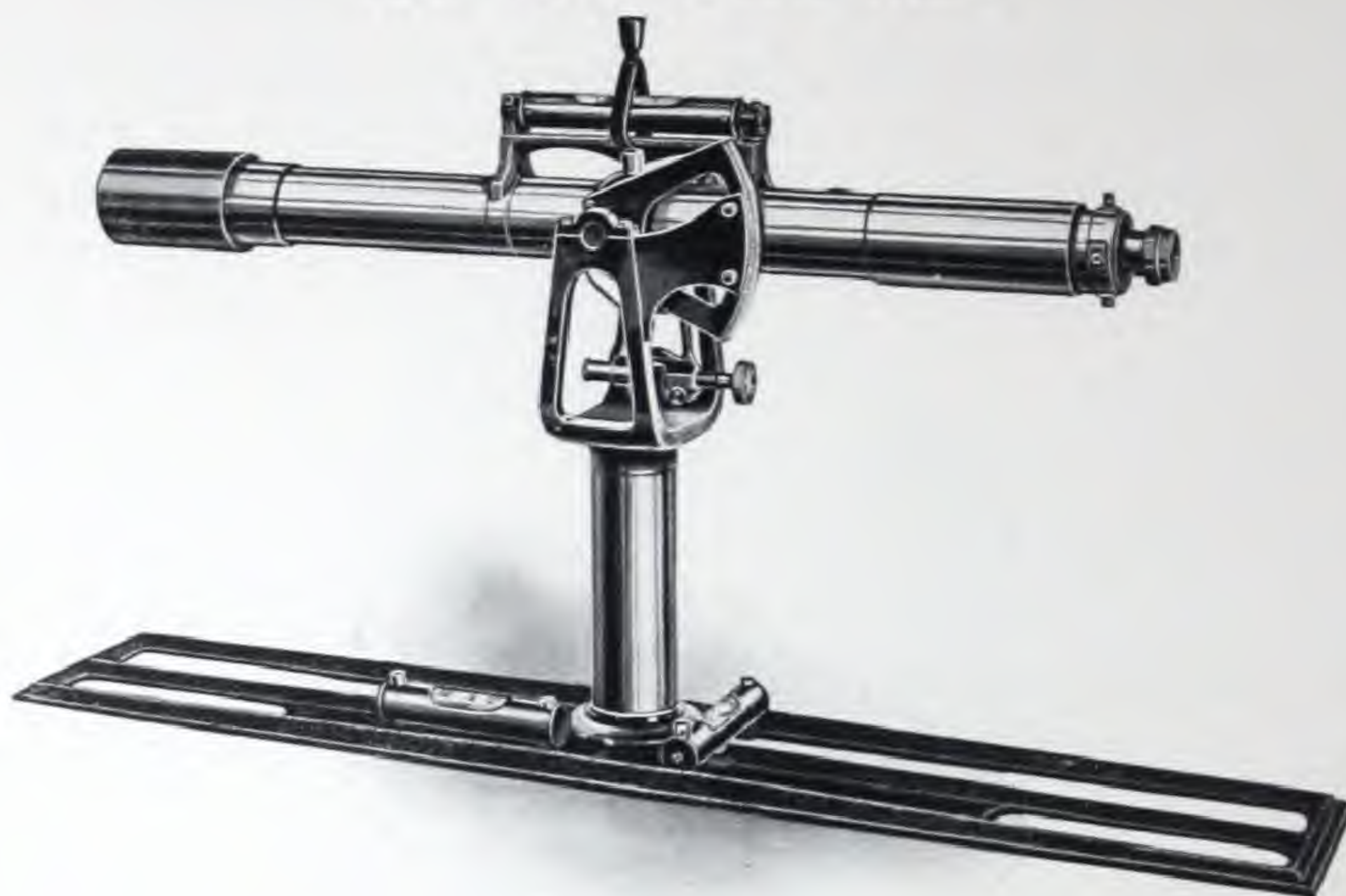
The accessibility of Buff Instruments is a very vital point. While it is a fact that these instruments do not require frequent lubrication or cleaning, there are some occasions when ready accessibility is imperative. Buff accessibility is perfect. One stout nut removed and the centers are ready for examination.

BUFF MATERIALS AND CONSTRUCTION

Every single part of every Buff Instrument is made of the best material and of the most approved design. Horizontal limb, vernier plates, standards and outer center as well as clamps and screws are of hardened composition bronze having a high tensile strength. Telescopes, axles and inner centers are all bell metal. Not a soft or yellow brass casting is used anywhere on Buff Instruments.

Intermediate centers are made of phosphor bronze which is unexcelled by any other metal for this particular purpose. "The best instrument procurable is the cheapest in the end."

THE "BUFF" PLANE TABLE



No. 4700

Each

No. 4700 — "BUFF" PLANE TABLE OUTFIT, complete in mahogany case. \$

Consisting of:

No. 4700-A—ALIDADE: TELESCOPE, 16 in. APERTURE, $1\frac{3}{8}$ in. MAGNIFYING POWER, 35 diameter. STADIA WIRES fixed 1' in 100'. VERTICAL ARC, 5-in. radius with graduations on edge and read by VERNIER to single minutes placed so as to read from eye end. STRIDING LEVEL, long and especially sensitive. LEVELING BUBBLES, fixed to standard and ruler. RULER in skeleton form, 22 in. long with fiducial edge true and accurate. Weight of Alidade with mahogany case 7 lbs. Lower leveling head and movement complete and tripod $11\frac{3}{4}$ lbs. 24x31 Plane table drawing board 4 lbs.

No. 4700-B—DRAWING BOARD, 24x31 in., with hardwood ledge

No. 4700-C—SOLID TRIPOD AND MOVEMENT, complete QUICK LEVELING HEAD

No. 4710 — "BUFF" PLANE TABLE OUTFIT, complete in mahogany case

Consisting of:

No. 4710-A—ALIDADE: Same as No. 4700-A, but TELESCOPE 12 in., MAGNIFYING POWER, 22 diameter. RULER, 18 in. RIFLE SIGHTS, ERECT IMAGE

No. 4710-B—DRAWING BOARD, 18x24 in., with fasteners.

No. 4710-C—SOLID TRIPOD AND MOVEMENT, complete; QUICK LEVELING HEAD

No. 4720

No. 4720-A—

No. 4720-B—

No. 4720-C—

No. 4730-A—

No. 4730-B—

No. 4730-C—

No. 4730-D—

No. 4730-E—

No. 4730-G—

Drafting and Engineering Supplies

THE "BUFF" PLANE TABLE

No. 4720 — "BUFF" PLANE TABLE OUTFIT, complete in mahogany case. Each \$

Consisting of:

No. 4720-A—ALIDADE: Same as No. 4700-A, but TELESCOPE 8 in. MAGNIFYING POWER, 18 diameters. RULER, 12 in. RIFLE SIGHTS, ERECT IMAGE

No. 4720-B—DRAWING BOARD, 15x18 in., with fasteners.

No. 4720-C—SOLID TRIPOD and MOVEMENT, complete; QUICK LEVELING HEAD

EXTRAS

No. 4730-A—PRISM to eye-piece, extra. \$

No. 4730-B—FIVE-INCH BOX COMPASS, extra.

No. 4730-C—EXTENSION TRIPOD, instead of Solid Tripod.

No. 4730-D—VERTICAL ARC, arranged for movable vernier and zero control bubble.

No. 4730-E—BEAMAN ARC for stadia measurements



No. 4730-G

No. 4730-G—EXTRA LARGE PLANE TABLE LEVELING HEAD AND TRIPOD, for No. 4700-A Alidade only. Diameter of support $9\frac{1}{4}$ in.; equipped with tangent and slow motion screw (extra). Each \$

The C.F. Pease Company

BUFF AND BUFF PRECISE TRANSITS General Specifications

	Size No. 1	Size No. 2	Size No. 3
Weight.....	14 lbs.	11 lbs.	7 lbs.
Diam. of Graduation.....	6 1/4 in.	5 1/2 in.	4 1/2 in.
Length of Needle.....	4 1/2 in.	3 3/4 in.	3 1/4 in.
Power Erect. Telescope.....	26.5 diam.	22.5 diam.	18 diam.
Power Invert. Telescope.....	29 diam.	25 diam.	22 diam.
Length of Telescope.....	12 in.	10 3/4 in.	9 in.
Length of Level Bubble.....	6 in.	5 1/2 in.	4 in.
Diam. of Telescope Aperture.....	1 1/4 in.	1 1/4 in.	1 1/8 in.

HORIZONTAL CIRCLE—With two opposite double reading verniers to minutes, placed at 30° to line of sight. Two rows of opposite inclined figures 0°-360°. Graduations on solid silver, covered by pure crystal plate glass. Ground glass shade to verniers.

TELESCOPE—Erecting, is balanced and reverses at either end; improved eyepiece, unsurpassed large clear field. Center point is provided on top of telescope to permit of accurate centering from above. Adjustment for vertical plane, and line of collimation correct for all distances.

STADIA WIRES—Fixed.

LEVEL BUBBLE—With clamp and tangent to telescope. Improved lower and upper spring tangent clamps.

CENTER—Shifting, with adjustments. Long taper centers with broad flanges and of hardest bell metal and phosphor bronze.

SPIRIT LEVELS—Truly ground by special machine, rated and sensitive.

STANDARDS—"Black" finished on No. 1 and No. 2.

STANDARDS—"Leather" finished on No. 3.

COMPASS NEEDLE of accepted form.

Compass graduation is silvered and figured with a double row of figures 0-90 and 0-360.

*Tripod improved; split leg with wing-nuts.

The mahogany instrument box is provided with strap, brass lock and hooks, and contains plumb-bob, pocket magnifier, sunshade, wrench, screw-driver, adjusting pins, etc.

*NOTE:—Extension Tripod furnished at small extra charge.

Common to all Buff Transits—All graduations are on solid silver, with fixed stadia and ground glass shades to verniers.

Size	*Type "A"	Each	*Type "B"	Each	*Type "C"	Each
No. 1—5039.....	\$.....		5040.....	\$.....	5041.....	\$.....
No. 2.....			5044.....		5045.....	
No. 3.....			5048.....		5049.....	

*Type "A"—Bubble to telescope, with clamp and tangent slow motion movement to vertical axis.

*Type "B"—Same as "A" plus 5-inch Vertical Arc.

*Type "C"—Same as "A" plus 5-inch Vertical Circle and Macadamite Guard.

List of extras on page 343.

BUFF AND BUFF PRECISE TRANSITS



No. 5040

For description, see page 338

BUFF AND BUFF PRECISE TRANSITS



No. 5041

For description, see page 338.

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Specia

2. Stadia
3. Stadia
4. Stadia
7. Triang
8. Stellar

CROSS AND STADIA HAIRS THAT CAN BE FURNISHED WITH BUFF SURVEYING INSTRUMENTS

Diameter of minimum web for telescopes of our make, .0001 inch.

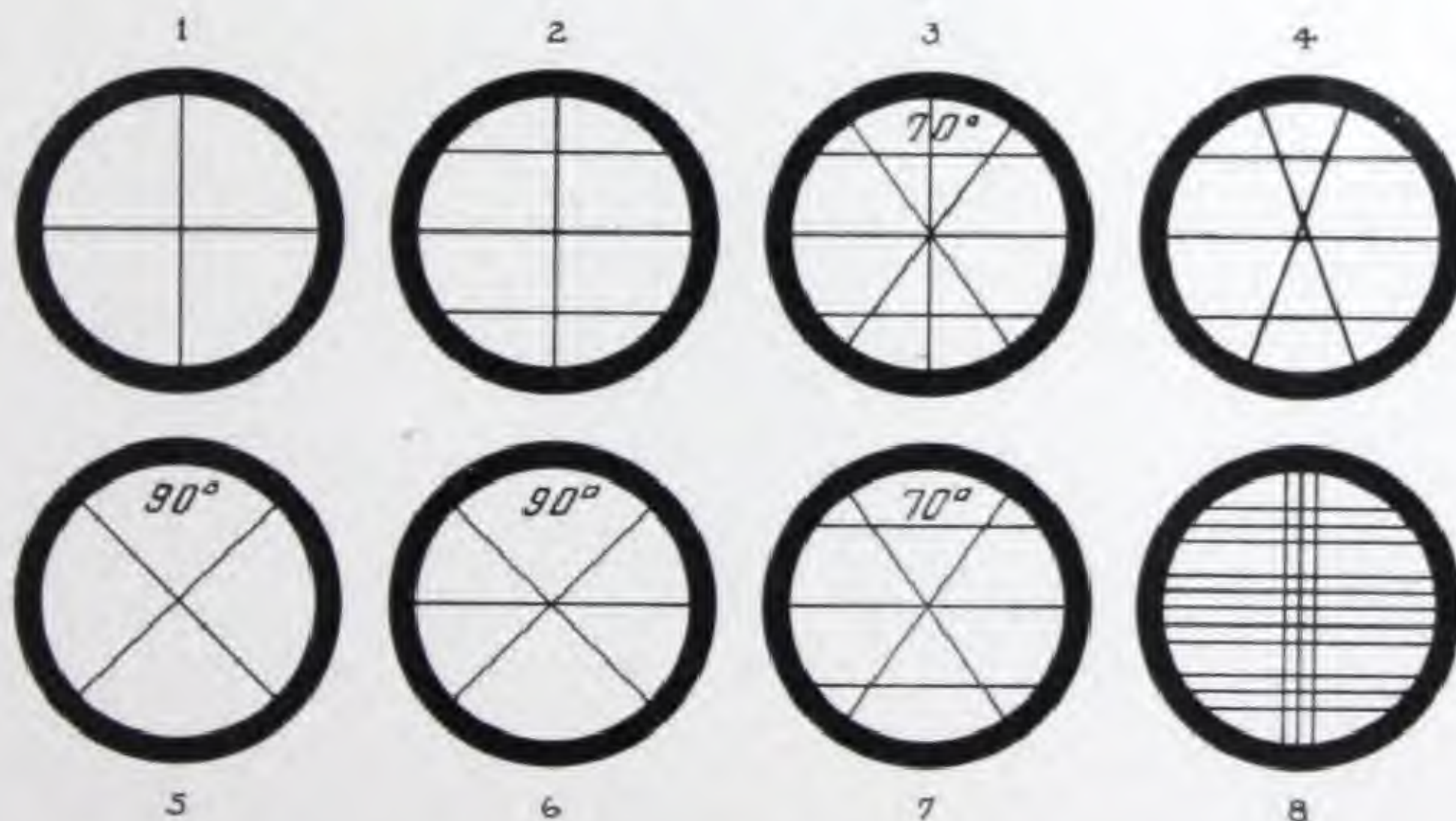
The cost of inserting stadia in any of our new telescopes is very moderate.

Adjustable stadia wire can be furnished at a higher cost. However, we do not recommend this form as it is liable to derangement.

The constant, which is to be added to all stadia measurements can be accurately assumed as 1.5 times the focal length of the object glass (with our system of lenses). Its individual value is supplied with every instrument.

Diagrams below show best arrangements for all cases of engineering and surveying practice.

Special arrangements can be supplied if specified.



Nos. 1, 5 or 6 are furnished as equipment

- | | |
|--|---------|
| 2. Stadia and cross-wires..... | \$..... |
| 3. Stadia and diagonal wires. 70°..... | \$..... |
| 4. Stadia and diagonal, 1/8" above intersection..... | \$..... |
| 7. Triangulation..... | \$..... |
| 8. Stellar observation..... | \$..... |

BUFF AND BUFF PRECISE TRANSITS



No. 5050

For description, see page 343.

BUFF

U Sta
tion, 6 1/4-in
at 30° to l
end; 12 inc
piece, unsu
provided w
sunshade,

No. 5050-

Extra

Graduation
Graduation
Graduation
Reading C
Improved
Reversion
Variation
Short Foc
Silk Wate
Superfine
Extra Ext
Extra Reg
Reflector
Saegmuller
Trivet, fo
3-inc
Detachab
Leather C
Auxiliary

Drafting and Engineering Supplies

BUFF AND BUFF "UNIVERSITY" PRECISE TRANSIT

U Standards, maximum size of compass and low center of gravity. Graduation, $6\frac{1}{4}$ -inch diameter, with two opposite double reading verniers to minutes, placed at 30° to line of sight. Telescope, erecting image, is balanced and reverses at either end; 12 inches long, $1\frac{1}{4}$ -inch aperture, with power of 26.5 diameters, improved eyepiece, unsurpassed large clear field. Weight, 14 lbs. In mahogany instrument box provided with strap, brass lock, and hooks, and contains plumb bob, pocket magnifier, sunshade, wrench, screw-driver, adjusting pins, etc.

Each

No. 5050—"UNIVERSITY" PRECISE TRANSIT\$.....

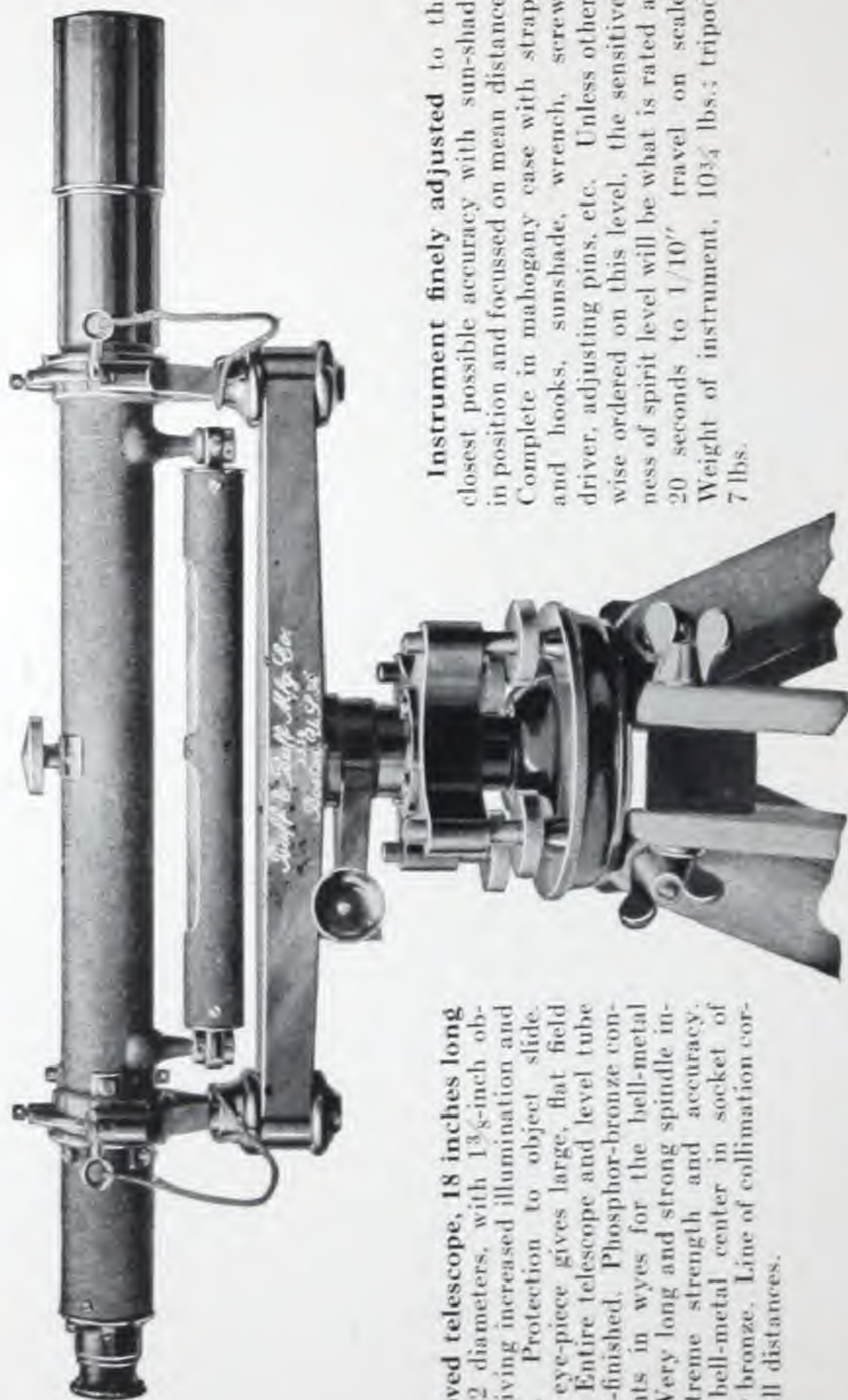
Extras and Attachments for Buff and Buff Precise Transits

Each

Graduation Horizontal Circle, reading to 30 seconds.....	\$.....
Graduation, Horizontal Circle, reading to 20 seconds.....	
Graduation, Horizontal Circle, reading to 10 seconds.....	
Reading Glasses to Horizontal Verniers.....	
Improved Gradiometer Attachment.....	
Reversion Level, for leveling with Telescope reversed.....	
Variation Plate and Ring.....	
Short Focus Lens Attachment, No. 1 Lens.....	
Silk Waterproof Bag to protect Instrument from rain and dust.....	
Superfine Watch Oil, to lubricate centers.....	
Extra Extension-Leg Tripod.....	
Extra Regular Split-Leg Tripod.....	
Reflector Shade for Cross Wires.....	
Saegmuller Solar Attachment.....	
Trivet, for setting Instrument on Beams, etc., in Longitudinal passages, 2-inch, 3-inch and 6-inch Legs.....	
Detachable top and side Telescope with counterpoise.....	
Leather Cover, with Straps.....	
Auxiliary Bubble to Vertical Circle.....	

For other extras not listed, send description and sketch

BUFF ENGINEERS' WYE LEVELS



Improved telescope, 18 inches long
Power, 32 diameters, with 13 $\frac{1}{2}$ -inch ob-
jective, giving increased illumination and
clearness. Protection to object slide.
Erecting eye-piece gives large, flat field
of view. Entire telescope and level tube
are black-finished. Phosphor-bronze con-
tact points in wyes for the bell-metal
collars. Very long and strong spindle in-
sures extreme strength and accuracy.
Regular bell-metal center in socket of
phosphor bronze. Line of collimation cor-
rect for all distances.

Instrument finely adjusted to the
closest possible accuracy with sun-shade
in position and focussed on mean distance.
Complete in mahogany case with straps
and hooks, sunshade, wrench, screw-
driver, adjusting pins, etc. Unless other-
wise ordered on this level, the sensitive-
ness of spirit level will be what is rated as
20 seconds to 1/10" travel on scale.
Weight of instrument, 10 $\frac{3}{4}$ lbs.; tripod,
7 lbs.

Each

- No. 5060—ENGINEERS' WYE LEVEL, 18-inch telescope, erecting eye-piece \$
No. 5062—ENGINEERS' WYE LEVEL, same as No. 5060, but telescope 15
inches long, erecting eye-piece, power 28 diameters

NOTE—These instruments can be furnished with inverting eye-piece.
Prices quoted upon request.

BUFF ENGINEERS' DUMPY LEVELS



No. 5070

Same general specifications as No. 5060, 18-inch Engineers' Wye Level. Latest model, equipped with slow motion clamp and tangent screw. Improved telescope, 18 inches long; power, 32 diameters. Weight of instrument, $9\frac{1}{2}$ lbs.; tripod, 7 lbs.

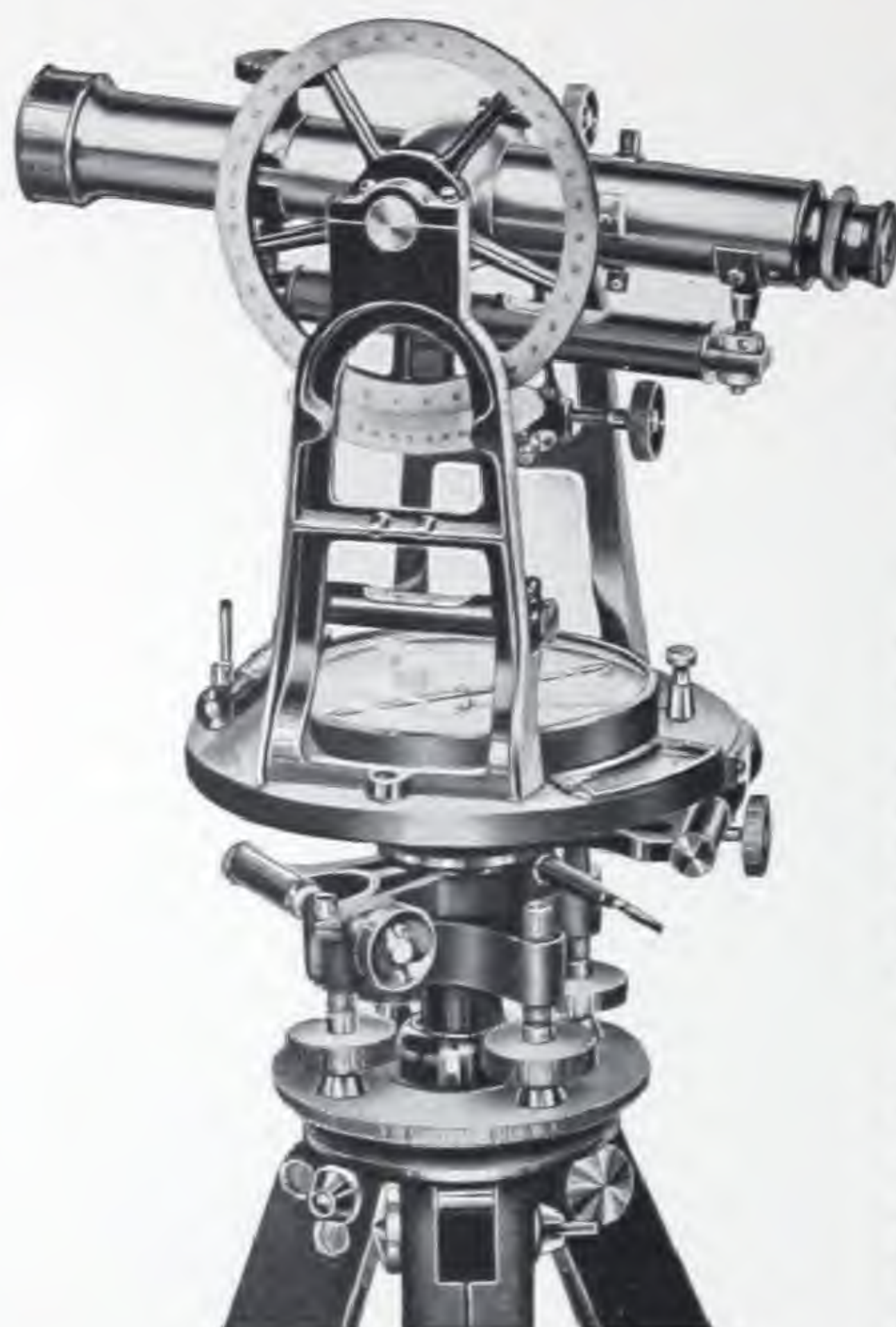
Very sturdy in construction and is not liable to lose adjustment through a slight knock. Furnished with same sensitive level bubble as No. 5060 Engineers' Wye Level, and is therefore adapted for very accurate work.

No. 5070—ENGINEERS' DUMPY LEVEL, 18-inch Telescope, erecting eye-	Each
piece.	\$ 175

No. 5072—ENGINEERS' DUMPY LEVEL, 15-inch Telescope, erecting eye-
piece.

NOTE—These instruments can be furnished with inverting eye-piece.
Prices quoted upon request.

PEASE RECONNAISSANCE TRANSITS



No. 5156

The instruments listed below are designed for preliminary survey work and engineering which does not require extreme accuracy.

Especially recommended to the building engineer and contractor for taking angles, leveling foundations, examining walls in course of construction, giving lines and levels for buildings, etc.

SPECIFICATIONS

TELESCOPE—9 $\frac{3}{4}$ inches long magnifying power, 22 diameters, with dust cap and sunshade. Aperture of object lens, 1 $\frac{1}{8}$ inches with improved rack and pinion movement. Micrometer motion to eye-piece for precise focussing of cross-hairs, long ground level to telescope, graduated on the glass. Telescope reversible from both ends.

HORIZONTAL LIMB—5 $\frac{1}{8}$ inches in diameter, divided to $\frac{1}{2}$ degrees, with vernier reading to single minutes. Clamp and tangent screw to plate and telescope. Four leveling screws and shifting center. Instrument stands erect in mahogany case, fully equipped. White ash split leg tripod with boot spurs.

Each

- | | |
|--|--------------|
| No. 5150—PEASE RECONNAISSANCE TRANSIT, as described above | \$ |
| No. 5152—PEASE RECONNAISSANCE TRANSIT, same as No. 5150, but with 4 $\frac{1}{8}$ -inch vertical circle divided to $\frac{1}{2}$ degrees, vernier reading to single minutes, graduations of circle and vernier on solid silver | \$ |
| No. 5154—PEASE RECONNAISSANCE TRANSIT, same as No. 5150, but with 3 $\frac{3}{4}$ -inch needle compass divided to $\frac{1}{2}$ degrees and numbered from 0 to 90 each side of N. and S. | \$ |
| No. 5156—PEASE RECONNAISSANCE TRANSIT, same as No. 5152, but with 3 $\frac{3}{4}$ -inch needle compass as described under No. 5154 | \$ |

Drafting and Engineering Supplies

PEASE IMPROVED CONVERTIBLE LEVEL

(For Architects and Builders)



No. 5160

The Pease Convertible Level is the ideal instrument for architects, contractors, builders, millwrights, drainage engineers, landscape gardeners, road engineers, etc. The instrument can be used for taking vertical sights, and for sighting objects above or below the horizontal plane. The telescope, while used in transit position, rests in rigid standard and can, within a few seconds, be instantly lifted from this rigid standard and placed into the wyes for use as an architects' level.

SPECIFICATIONS

TELESCOPE—12 inches long with dust shade. Magnifying power, 25 diameters, showing objects erect. Object glass, $1\frac{1}{4}$ -inch aperture; rack and pinion movement to object slide; spiral movement to eye-piece. Cross hairs, sunshade and dust cap. Range, 5 feet to one mile. Lenses of finest quality; level to telescope, 4 inches long; housed in tube with protection bridge; graduated on the glass and ground to a sensitiveness of 60 sec. of arc to $1/10$ inch motion of bubble.

CROSS-BAR AND WYES—Cross-bar and standards are cast integral and heavily ribbed and strengthened. Wyes (one of which is adjustable) are of improved design with lock-nuts for locking yokes, dispensing with old style pin

bolts. One wye yoke is provided with stop insuring true position of cross-hairs when leveling. Cross-bar and standards are constructed of steel-like bell-metal. Convertible standards provided with two brass straps which hold telescope firmly in the trunnions when in transit position.

CIRCLE— $4\frac{1}{2}$ -inch diameter with eight reinforced spokes, divided to degrees, numbered 0-90 in quadrants and reading by vernier to 5 minutes. Circle is movable for the purpose of setting same at zero at any given point and provided with a set-screw.

LEVELING-HEAD—Improved design, heavily ribbed, with clamp and tangent screw. Four leveling screws with shoes. Center extra long and constructed of hard bell-metal. Shifting center.

REGULAR EQUIPMENT—Solid leg tripod with iron shoes and protection cap to head. Bolts provided with wing nuts for tightening by hand. Polished hardwood carrying case with strong lock and strap. Six-ounce plumb bob, trivet (for foundation work), sunshade, and adjusting pins. Full instructions for use with each level.

FINISH AND WEIGHT—Instrument is finished in rich olive alligatorite with small parts in bright gold, making a very tasty and durable finish. Weight of level about 8 lbs., with case and accessories, 15 lbs.; weight of tripod, 6 lbs.

Each

No. 5160—PEASE IMPROVED CONVERTIBLE LEVEL \$

The C.F. Pease Company

PEASE IMPROVED CONVERTIBLE LEVEL (Continued) (With Vertical Arc and Vernier)

The cross-bar is drop-centered and cast integral with standards. (Patented)
Spirit level glass always rests safely below telescope out of harm's way, whether used as a level or transit.

No loose attachments to fasten on by means of thumb screws. Nothing to get out of order or adjustment. Always accurate. Always dependable.

Extra fine and powerful telescope (25 diameter Power). Extra large objective lens (1 1/4-inch aperture). Extra long telescope (12-inch).

Only ten seconds are required to change instrument from an accurate level to an equally accurate transit. Standards, which accommodate telescope when in transit position, do not interfere when instrument is used as a level; in fact, they serve as a protection to spirit level glass.

Shifting center.

THE ILLUSTRATIONS BELOW SHOW PEASE CONVERTIBLE LEVEL IN "LEVEL" AND IN "TRANSIT" POSITION



No. 5162

The Change from
One Position to
the Other May
Be Effected in
Ten Seconds.



PEASE IMPROVED CONVERTIBLE LEVEL

No. 5162

Each

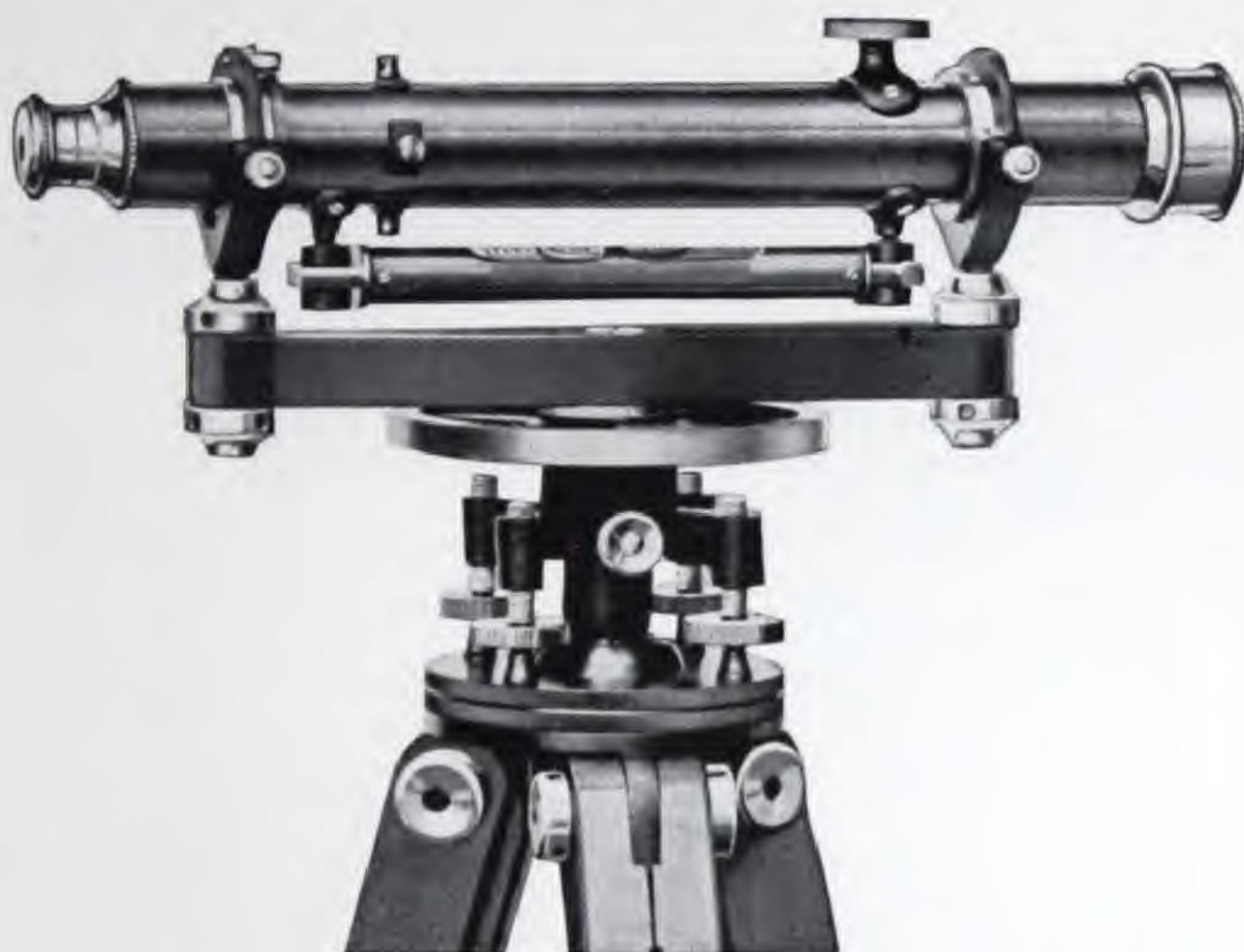
\$

(With Vertical Arc and Vernier)

Extras for Pease Improved Convertible Level

- | | |
|---|----|
| Compass attached to instrument of suitable accuracy for building work | \$ |
| Heavy split leg tripod in place of regular solid leg tripod | \$ |
| Heavy extension leg tripod in place of regular solid leg tripod | \$ |
| Fixed stadia hairs reading 1 foot in 100 feet on any rod | \$ |

PEASE ARCHITECTS' AND BUILDERS' LEVELS



No. 5170

TELESCOPE—12 inches, power, 25 diameters; object glass, $1\frac{1}{4}$ -inch, focussed by rack and pinion movement, with protection to object slide. Eye-piece focussed by spiral screw adjustment. The spirit level is extra long, very carefully ground, and graduated on the glass.

HORIZONTAL CIRCLE— $4\frac{1}{2}$ -inch diameter, graduated to degrees, numbered 0 to 90 each way, with vernier reading to 5 minutes.

Wyes provided with locking arrangement, dispensing with ordinary pin and cord attachment.

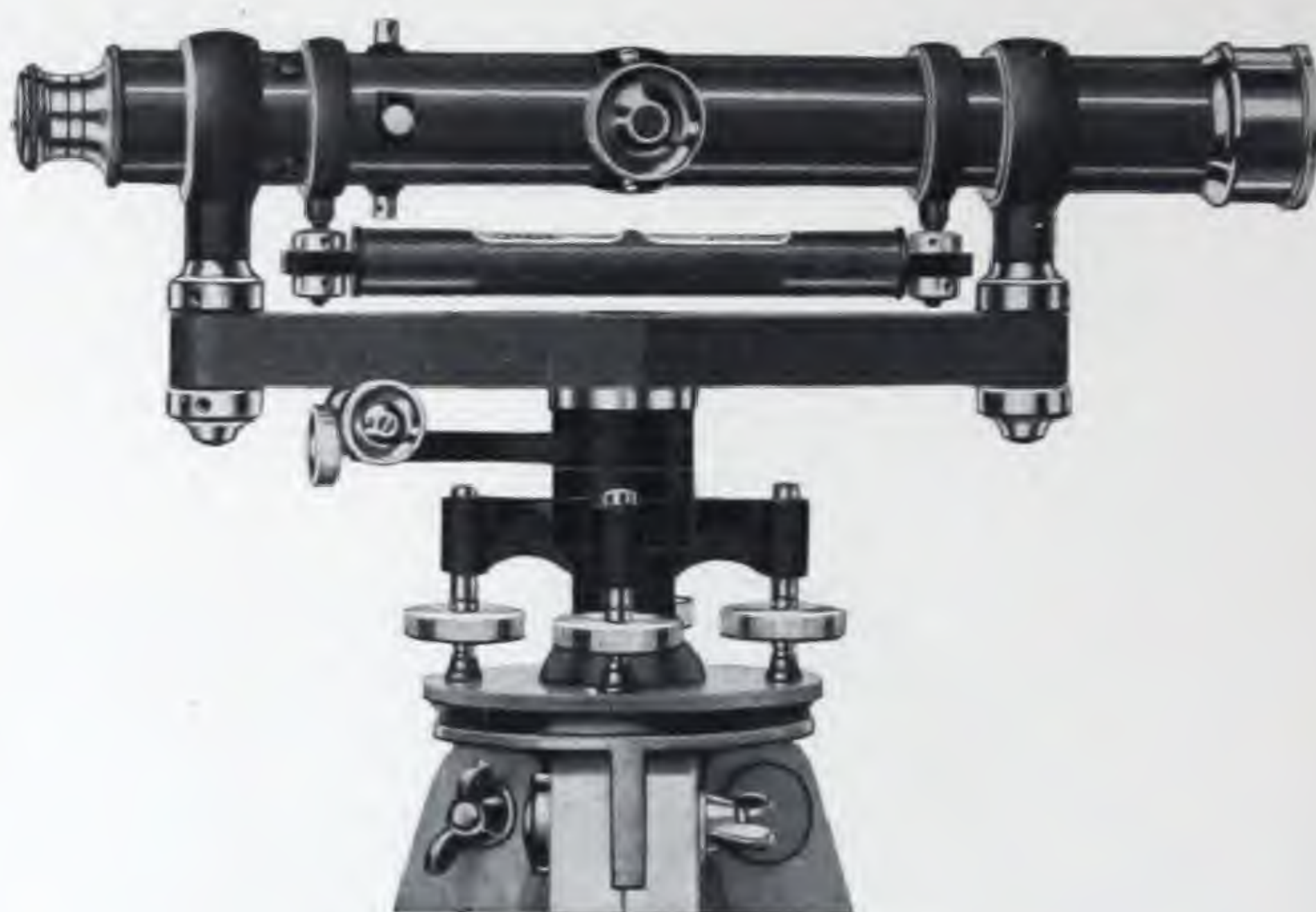
Each instrument furnished with plain tripod and metal trivet, and packed in hardwood case, fully equipped.

	Each
No. 5170—PEASE ARCHITECTS' AND BUILDERS' LEVEL	\$

No. 5172—PEASE ARCHITECTS' AND BUILDERS' LEVEL, same as No. 5170, but with improved clamp and tangent movement, thus enabling the instrument to be clamped more securely and a movement in a horizontal plane to be made more accurately.

These instruments are especially designed and recommended for architects' builders' and contractors' general use, such as leveling walls, giving lines and levels for buildings, laying out angles, grading streets, etc.

PEASE ROAD BUILDERS' LEVELS



No. 5182

The telescope is 12 inches long with magnifying power of 25 diameters. Aperture of the objective lens, $1\frac{1}{4}$ inches. Center is extra long and well tapered and is made of hard bell-metal. Telescope is of fine definition and the objective lens is focussed by rack and pinion of improved make. Improved eye-piece for precise focussing of the cross-hairs. Telescope yokes are of the best composition metal, permanently fixed, thus insuring greater stability. Level vial is extra long, carefully ground and is graduated on the glass. Each instrument furnished with plain tripod and metal trivet. Instrument packed erect, ready for use, in polished hardwood box with strap, fully equipped.

	Each
No. 5180—PEASE ROAD BUILDERS' LEVEL	\$
No. 5182—PEASE ROAD BUILDERS' LEVEL, same as No. 5180, but with improved clamp and tangent movement, thus enabling the instrument to be clamped more securely and a movement in a horizontal plane to be made more accurately .....	.....

PEASE IRRIGATION AND FARM LEVELS
(Improved, with Tilting Telescope)



No. 5190

A very excellent and useful instrument for work which does not require engineering accuracy. Well adapted for laying out foundations, leveling, alignment of joists and window sills, ditching, draining, fencing, etc.

No. 5190—**PEASE IRRIGATION AND FARM LEVEL.** Telescope, 10 inches with adjustable eye-piece, 10 diameter achromatic lens system, fixed cross-hairs, horizontal circle graduated to degrees, index arm, four leveling screws and spirit level. Complete with tripod, plumb bob, 12½-foot flexible rod, book of instructions and carrying case. Each

No. 5192—**SAME** instrument as above, but furnished with No. 3326 or No. 3328 Architects' Rod in place of 12½-foot flexible rod.

PEASE IRRIGATION AND FARM LEVELS



No. 5194

Due to its tilting telescope feature, this instrument is very suitable for running lines on levels, squaring and plumbing uprights. It operates on the same principle as the highest grade surveying instruments, but does not possess the extreme accuracy which is necessary in the engineering profession.

No. 5194—PEASE IMPROVED IRRIGATION AND FARM LEVEL.

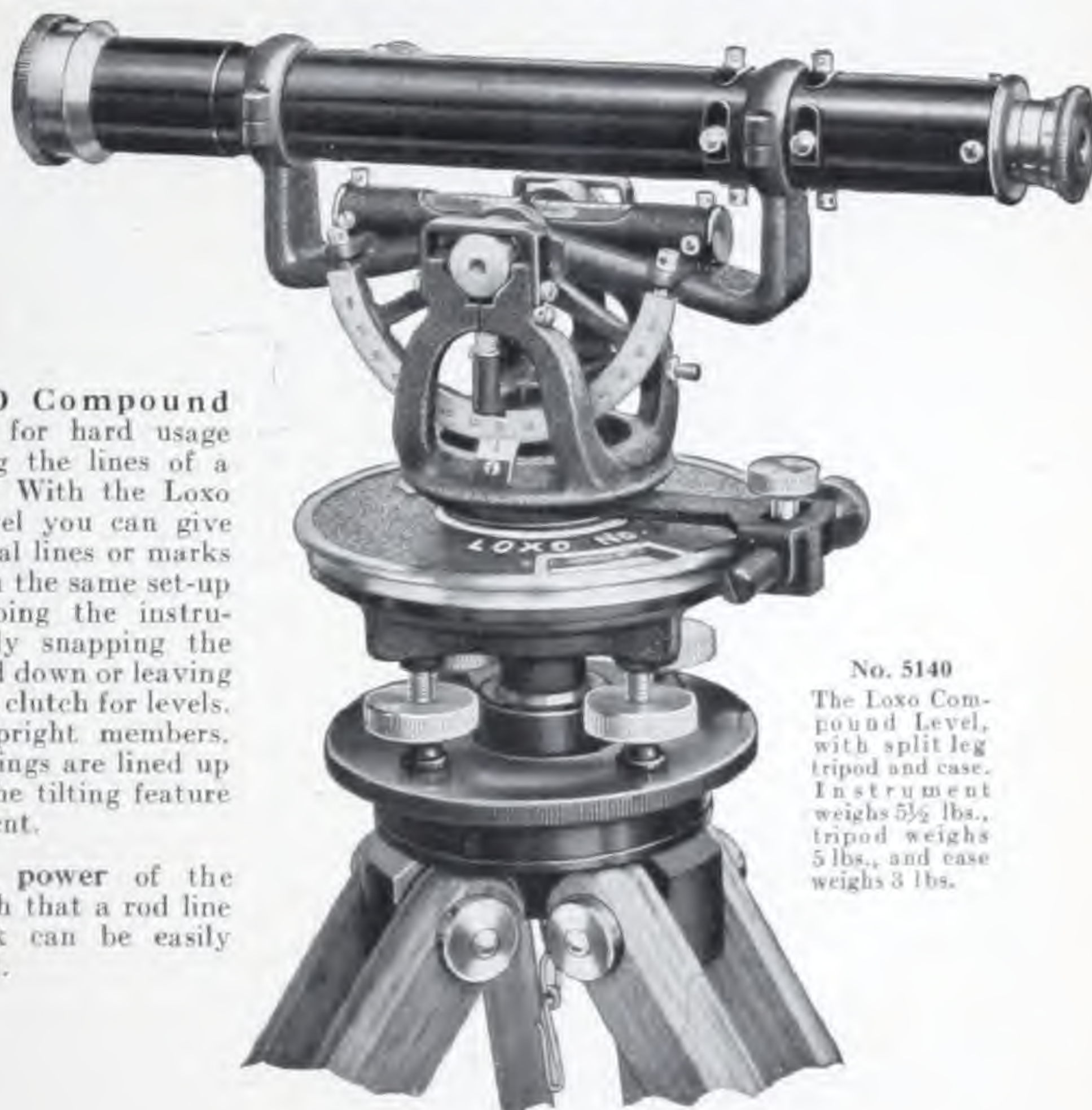
Each

Telescope, 10 inches, with adjustable eye-piece, 10 diameter achromatic lens system, fixed cross-hairs, horizontal circle graduated to 360 degrees, index arm, four leveling screws and sensitive spirit level. Telescope is pivoted between single casting standards of bronze, provided with a lock pin by means of which it may instantly be locked into level position. Complete with tripod, plumb bob, 12½-foot flexible rod, book of instructions and carrying case. \$

No. 5196—SAME instrument as above, but furnished with No. 3326 or No.

3328 Architects' Rod in place of 12½-foot flexible rod.

THE IMPROVED "LOXO" COMPOUND LEVEL



The **LOXO Compound Level** is built for hard usage somewhat along the lines of a Dumpy Level. With the Loxo Compound Level you can give level and vertical lines or marks alternately from the same set-up without disturbing the instrument by simply snapping the telescope up and down or leaving it to engage the clutch for levels. In addition, upright members, piers and studdings are lined up speedily with the tilting feature of this instrument.

Magnifying power of the telescope is such that a rod line or pencil mark can be easily read at 300 feet.

No. 5140

The Loxo Compound Level, with split leg tripod and case. Instrument weighs 5½ lbs., tripod weighs 5 lbs., and case weighs 3 lbs.

SPECIFICATIONS

TELESCOPE 10 inch, 20 diameter magnifying power, screwlike movement on eye-piece to focus for cross-hairs; rack and pinion with knurled knob to focus the object slide.

Telescope is held with friction grip in split rings mounted on a yoke type standard cast in one piece of solid bronze. Projecting arms also of solid bronze serve as cross axis and are mounted in cylinder journals fitted into well machined bearings with one side adjustable. Embedded in the yoke standard is a long graduated spirit level, well exposed yet amply protected. A 1½-inch Vertical Arc reads angles to single degrees.

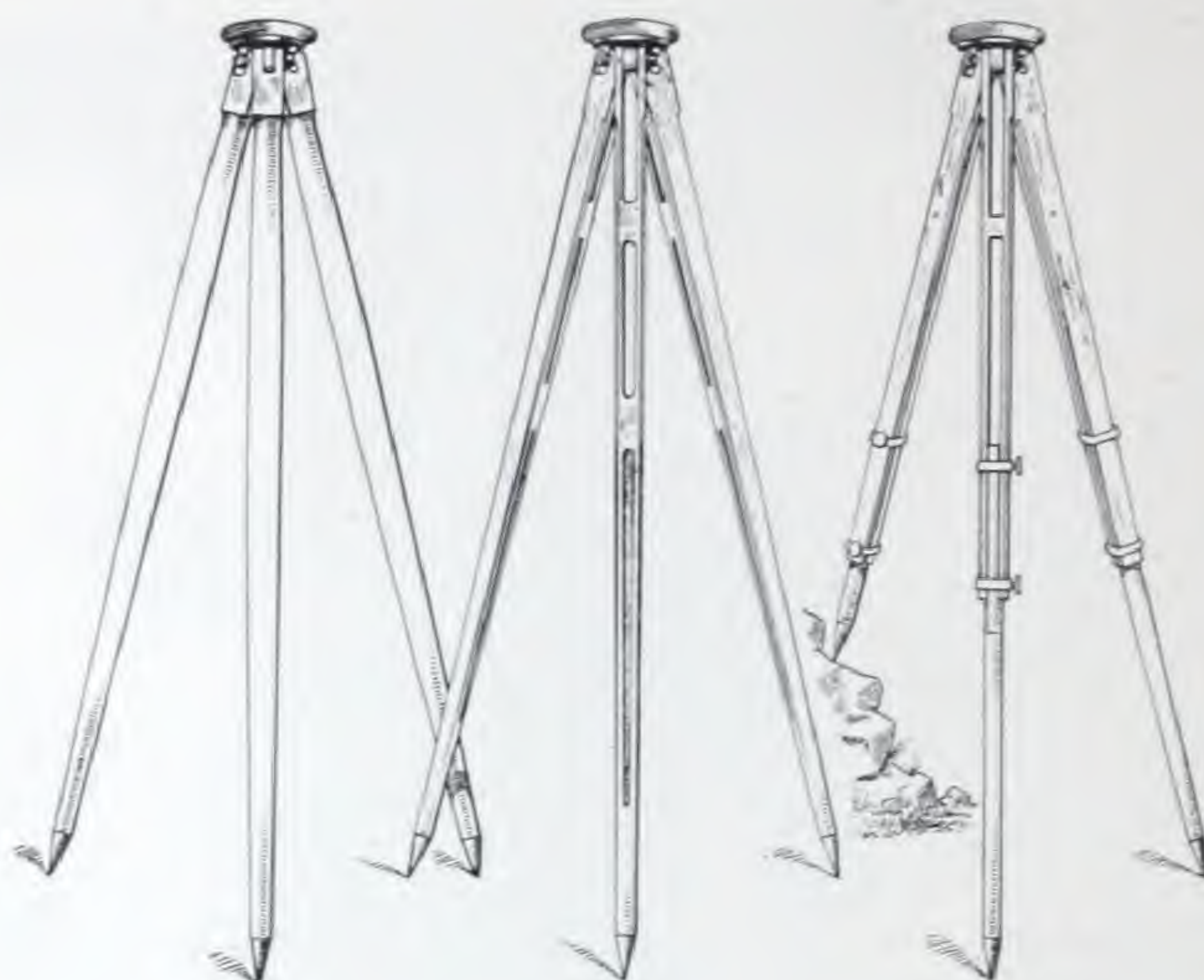
HORIZONTAL CIRCLE: A four inch graduation circle with full movable vernier plate, reading the horizontal angles to five minutes by means of one double vernier. The standard Instrument is figured from 0-90° for builders' and architects' use. Upon order circle can be furnished 0-80° or 0-360°, for use on subdivision survey, without extra cost.

Four Leveling Screws, large Foot Plate, one-half inch Shifting Plate, Hard Bronze Center.

Each

No. 5140—LOXO COMPOUND LEVEL \$

TRIPODS



Each

- No. 5200—**SPLIT-LEG TRIPOD**, hardwood, for Buff and Buff Transits and Levels, Nos. 5039 to 5080, inclusive.....\$.....
- No. 5202—**EXTENSION TRIPOD**, hardwood, for Buff and Buff Transits and Levels, No. 5039 to 5080, inclusive.....
- No. 5208—**SOLID LEG TRIPOD**, hardwood, for C. F. Pease Levels, Nos. 5160 to 5182, inclusive.....
- No. 5210—**SPLIT-LEG TRIPOD**, hardwood, for C. F. Pease Levels and Transits, Nos. 5150 to 5182, inclusive.....
- No. 5212—**EXTENSION TRIPOD**, hardwood, for C. F. Pease Levels and Transits, Nos. 5150 to 5182, inclusive.....

In ordering, please specify Catalog Number and make of Surveying Instrument
for which Tripod is intended.

Abney's
Adhesive
Adhesives
Adjustable
Adjustable
Adjuster,
Agreement
Air Tight
Aneroid
Angle Pro
Transp
Angles, U
Anchors
Machin
Arc Lamp
Arc Lamp
Resistin
Arc Lamp
Arc Lamp
Architect
Architect
and Tr
Architect
Architect
Architect
Architect
Arkansas
Arrangem
Arrow Qu
Arrows, C
Arrows or
Art Gum
Artists' D
Artists' P
Artists' W
Atomizers
Attache
Rear R
Attache
Attache
Automati

Ball Point
Bands, R
Barometer
Bars for E
Bath Tray
Beam Cor
Beam Cor
Bichroma
Binder, S
Binding T
Blaisdell's

Drafting and Engineering Supplies

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The C.F. Pease Company

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T-Squares, Scales, Triangles, etc.

Surveying Instruments and Field Supplies





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is intended
for complete price
list for this catalog
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In asking for the
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